

Converting Colors

XYZ(82.0236, 88.5292, 93.5395)

Have a look what the booklet for
XYZ(82.0236, 88.5292, 93.5395)
contains.

XYZ(82.0442, 88.5366, 93.6540)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(82.0442, 88.5366,
93.6540)**

Conversions

Conversions Part 1

Format	Color
Hex	EBF4EE
RGB	235, 244, 238
RGB Percent	92%, 96%, 93%
CMY	0.0784, 0.0431, 0.0667
CMYK	0.04, 0.00, 0.02, 0.04
HSL	140°, 29%, 94%
HSV	140°, 4%, 96%
XYZ	82.0442, 88.5366, 93.6540
YIQ	240.6250, -3.4380, -3.7740

Conversions

Conversions Part 2

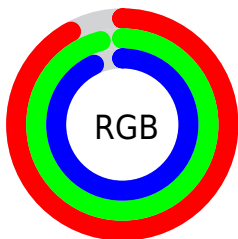
Format	Color
R _Y B	235, 242, 244
Decimal	15463662
CIE Lab	95.39, -4.04, 1.84
CIE LCh	95, 4.441, 155.497
Yxy	88.5366, 0.3105, 0.3351
Android (android.graphics.Color)	4293653742 (0xFFEBF4EE)
YUV	240.6250, -1.2941, -4.9331
Hunter-Lab	94.0939, -9.0231, 6.8529

Details

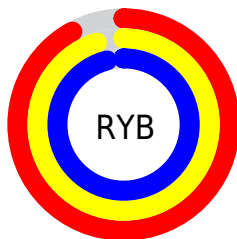
The XYZ color **82.0442, 88.5366, 93.6540** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **82.8969, 85.0028, 95.2614**, and the grayscale version is **83.3283, 87.6678, 95.4703**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.0171, 48.9275, 51.3273** is the 20% darker color. If you saturate the color by 10%, you get **72.2510, 83.7544, 81.2770**, and if you desaturate by 10%, it is **91.5254, 93.1380, 107.1478**.

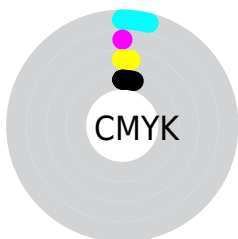
Distribution



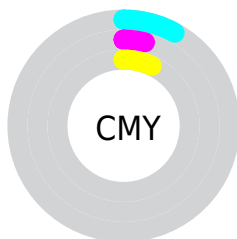
- Red (92%)
- Green (96%)
- Blue (93%)



- Red (92%)
- Yellow (95%)
- Blue (96%)



- Cyan (4%)
- Magenta (0%)
- Yellow (2%)
- Black (4%)



- Cyan (8%)
- Magenta (4%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 82.0442, 88.5366, 93.6540 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 82.0442, 88.5366, 93.6540 by changing the saturation by 10% instead.

82.0442, 88.5366,
93.6540

82.0442, 88.5366,
93.6540

490.4278,
523.2589, 560.7208

61.7162, 66.7676,
70.4245

135.1715,
145.3040, 154.3833

45.0582, 48.8957,
51.3938

168.7015,
181.0711, 192.7201

31.7047, 34.5368,
36.1432

207.3628,
222.2731, 236.9299

21.2905, 23.3063,
24.2542

251.5209,
269.2942, 287.4311

13.4502, 14.8198,
15.3084

301.5411,
322.5190, 344.6422

7.8184, 8.6930,
8.8871

357.7888,

4.0298, 4.5415,

382.3318, 408.9818

4.5718

420.6292,
449.1169, 480.8685

■ 1.7190, 1.9809,
1.9440

■ 0.4681, 0.5963,
0.5205

■ 82.0442, 88.5366,
93.6540

■ 82.0442, 88.5366,
93.6540

■ 72.2510, 83.7544,
81.2770

■ 91.5254, 93.1380,
107.1478

■ 63.7261, 79.5991,
70.0557

■ 91.6424, 93.1848,
107.7641

■ 56.4182, 76.0477,
59.9584

■ 50.2697, 73.0711,
50.9500

■ 45.2184, 70.6379,
42.9937

■ 41.1956, 68.7136,
36.0505

■ 38.1248, 67.2595,
30.0788

■ 35.9179, 66.2312,
25.0340

■ 34.4690, 65.5750,
20.8678

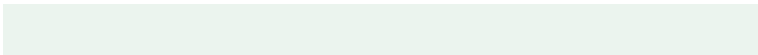
Harmonies

Analogous

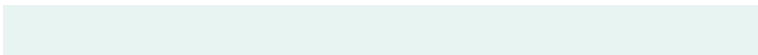
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.8026, 88.5366, 91.0580



82.0442, 88.5366, 93.6540



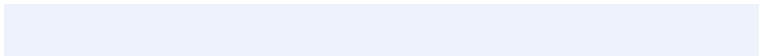
81.8481, 88.5366, 97.0435

Triad

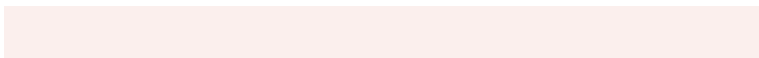
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



82.0442, 88.5366, 93.6540



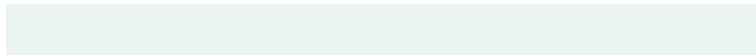
84.3753, 88.5366, 103.2132



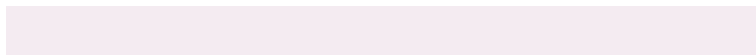
86.0670, 88.5366, 92.5696

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



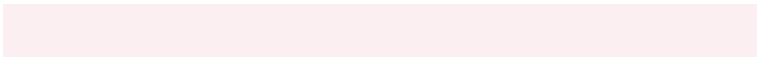
82.0442, 88.5366, 93.6540



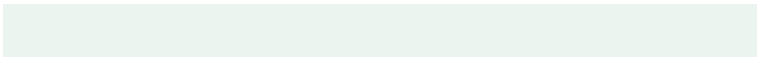
82.8969, 85.0028, 95.2614

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



86.4974, 88.5366, 95.7620



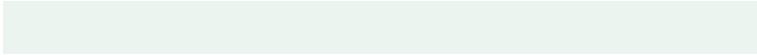
82.0442, 88.5366, 93.6540



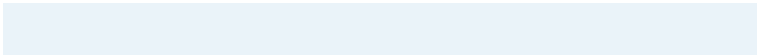
85.5147, 88.5366, 101.9496

Square

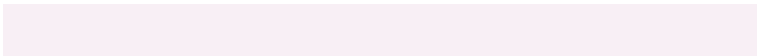
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



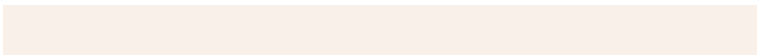
82.0442, 88.5366, 93.6540



83.1866, 88.5366, 102.6162



86.2943, 88.5366, 99.2018



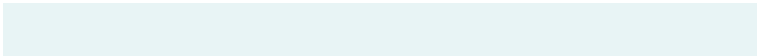
85.1236, 88.5366, 90.4426

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



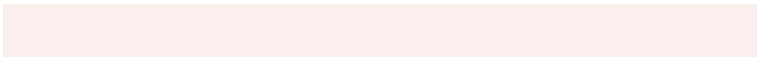
82.0442, 88.5366, 93.6540



82.0611, 88.5366, 99.3091



86.2943, 88.5366, 99.2018



86.2769, 88.5366, 93.5508

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



82.0467, 88.5404, 93.6559



93.8455, 99.4105, 107.4210



83.6764, 89.4310, 91.4500



20.0995, 21.2842, 23.0081



0.0000, 0.0000, 0.0000



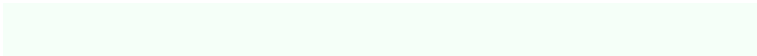
20.3446, 21.4041, 23.3091

Same Dimension

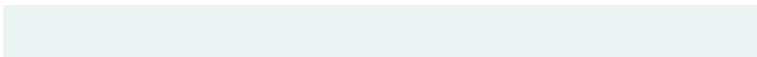
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.0467, 88.5404, 93.6559



90.3206, 97.6862, 103.0636



82.6942, 88.7994, 97.0657



17.5375, 19.0653, 19.9948



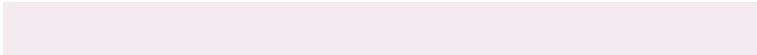
18.4608, 35.5291, 10.4462



1.6683, 3.1410, 1.1590

Inverse Universe

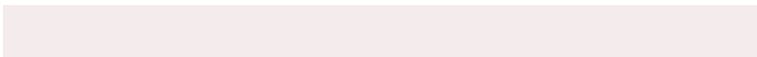
The Inverse Universe completely reimagines the original color for something new.



82.8969, 85.0028, 95.2614



91.3395, 93.4469, 104.9874



82.2542, 84.7457, 91.8769



17.7726, 18.0871, 20.4387



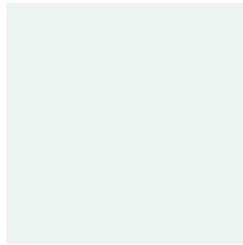
23.9320, 11.9162, 20.1482



2.1509, 1.0663, 2.0212

Previews

White Background



This preview shows how the XYZ color 82.0442, 88.5366, 93.6540 looks on a white background.

Color Contrast Check

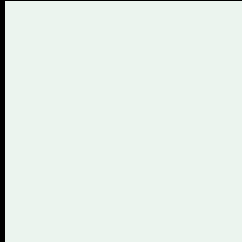
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 82.0442, 88.5366, 93.6540 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

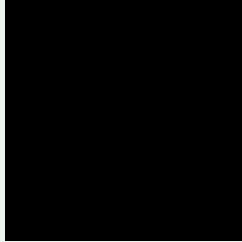
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

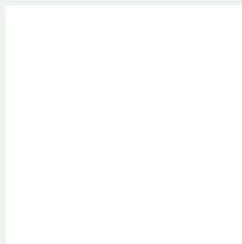
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 82.0442, 88.5366, 93.6540

Background



This preview shows how black text looks on a background with the XYZ color 82.0442, 88.5366, 93.6540.



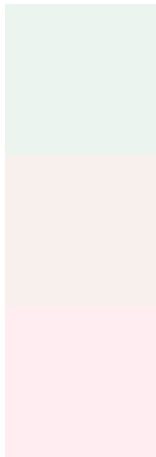
This preview shows how white text looks on a background with the XYZ color 82.0442, 88.5366,

93.6540.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

82.0442, 88.5366, 93.6540

Protanopia

84.6582, 88.1505, 91.9097

Deuteranopia

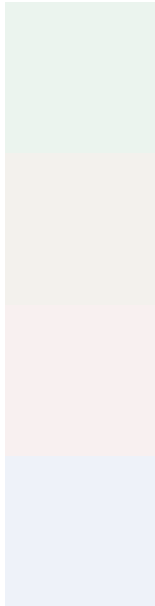
87.4014, 88.1792, 95.6328



Tritanopia

85.1019, 88.4813, 107.2010

Trichromacy



Original Color

82.0442, 88.5366, 93.6540

Protanomaly

83.7035, 88.0797, 92.7102

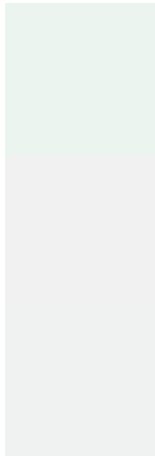
Deuteranomaly

85.5997, 88.5679, 95.0218

Tritanomaly

84.1109, 88.5210, 102.2757

Monochromacy



Original Color

82.0442, 88.5366, 93.6540

Achromatopsia

83.6081, 87.9622, 95.7909

Achromatomaly

83.0769, 88.1463, 95.0734

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.0442, 88.5366, 93.6540 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color rgb(235, 244, 238) looks like.

```
.text, #text, p{  
    color:rgb(235, 244, 238)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(235, 244, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 244, 238) }
```

Border

The CSS property to change the border of an element to XYZ 82.0442, 88.5366, 93.6540 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(235, 244, 238) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(235, 244, 238) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(235, 244, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 244, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 244, 238);  
box-shadow:4px 4px 4px 4px rgb(235, 244,  
238) }
```

Background

The CSS property to change the background color of an element to XYZ 82.0442, 88.5366, 93.6540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 244, 238) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(235,  
244, 238) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor