

Converting Colors

XYZ(81.4982, 88.8199, 92.1162)

Have a look what the booklet for
XYZ(81.4982, 88.8199, 92.1162)
contains.

XYZ(81.3970, 88.6846, 92.1846)	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(81.3970, 88.6846,
92.1846)**

Conversions

Conversions Part 1

Format	Color
Hex	E9F5EC
RGB	233, 245, 236
RGB Percent	91%, 96%, 93%
CMY	0.0863, 0.0392, 0.0745
CMYK	0.05, 0.00, 0.04, 0.04
HSL	135°, 38%, 94%
HSV	135°, 5%, 96%
XYZ	81.3970, 88.6846, 92.1846
YIQ	240.3860, -4.2630, -5.3430

Conversions

Conversions Part 2

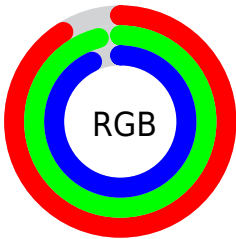
Format	Color
R_{YB}	233, 243, 245
Decimal	15332844
CIE Lab	95.45, -5.56, 2.95
CIE LCh	95, 6.297, 152.076
Yxy	88.6846, 0.3104, 0.3381
Android (android.graphics.Color)	4293522924 (0xFFE9F5EC)
YUV	240.3860, -2.1623, -6.4775
Hunter-Lab	94.1725, -10.5173, 7.8823

Details

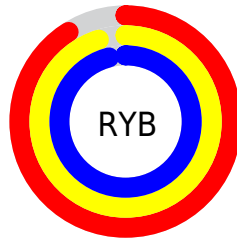
The XYZ color **81.3970, 88.6846, 92.1846** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **82.8254, 84.1034, 95.8770**, and the grayscale version is **83.1478, 87.4779, 95.2635**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.5673, 49.0376, 50.2963** is the 20% darker color. If you saturate the color by 10%, you get **71.4134, 83.8332, 78.4898**, and if you desaturate by 10%, it is **91.8443, 93.7483, 107.3390**.

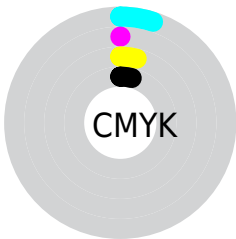
Distribution



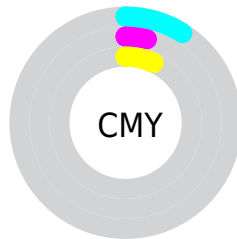
- Red (91%)
- Green (96%)
- Blue (93%)



- Red (91%)
- Yellow (95%)
- Blue (96%)



- Cyan (5%)
- Magenta (0%)
- Yellow (4%)
- Black (4%)



- Cyan (9%)
- Magenta (4%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 81.3970, 88.6846, 92.1846 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 81.3970, 88.6846, 92.1846 by changing the saturation by 10% instead.

81.3970, 88.6846,
92.1846

81.3970, 88.6846,
92.1846

488.2936,
523.7426, 555.8644

61.1810, 66.8902,
69.2101

134.2683,
145.5099, 152.3311

44.6244, 48.9954,
50.4100

167.6544,
181.3095, 190.3402

31.3617, 34.6158,
35.3658

206.1611,
222.5464, 234.1979

21.0276, 23.3671,
23.6590

250.1540,
269.6049, 284.3228

13.2567, 14.8648,
14.8710

299.9983,
322.8693, 341.1333

7.6838, 8.7246,
8.5833

356.0595,

3.9434, 4.5620,

382.7242, 405.0480

4.3773

418.7028,
449.5538, 476.4855

■ 1.6702, 1.9926,
1.8345

■ 0.4375, 0.6032,
0.4506

■ 81.3970, 88.6846,
92.1846

■ 81.3970, 88.6846,
92.1846

■ 71.4134, 83.8332,
78.4898

■ 91.8443, 93.7483,
107.3390

■ 62.7589, 79.6337,
66.2465

■ 91.9441, 93.7883,
107.8647

■ 55.3787, 76.0613,
55.4086

■ 49.2112, 73.0853,
45.9256

■ 44.1896, 70.6725,
37.7439

■ 40.2407, 68.7862,
30.8063

■ 37.2822, 67.3854,
25.0514

■ 35.2195, 66.4225,
20.4122

■ 33.9375, 65.8399,
16.8149

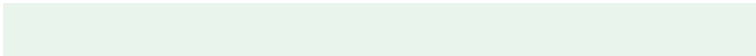
Harmonies

Analogous

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



82.5440, 88.6846, 88.7396



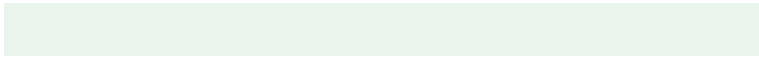
81.3970, 88.6846, 92.1846



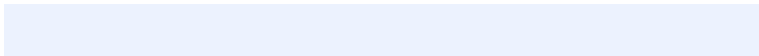
81.0226, 88.6846, 96.9067

Triad

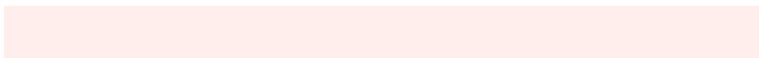
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



81.3970, 88.6846, 92.1846



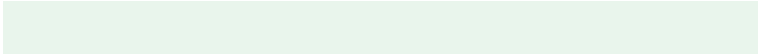
84.4122, 88.6846, 106.3636



87.1321, 88.6846, 91.6083

Complementary

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



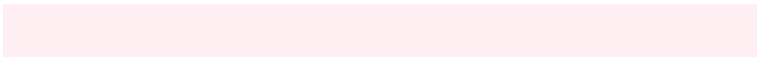
81.3970, 88.6846, 92.1846



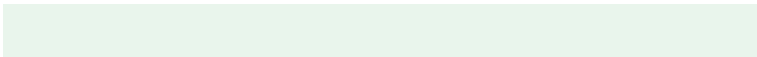
82.8254, 84.1034, 95.8770

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.



87.6482, 88.6846, 96.2190



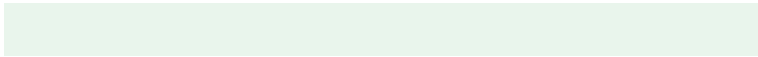
81.3970, 88.6846, 92.1846



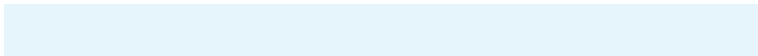
86.0646, 88.6846, 104.8320

Square

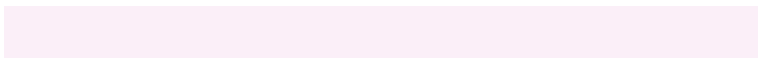
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



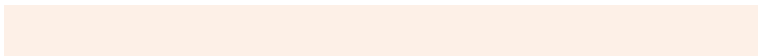
81.3970, 88.6846, 92.1846



82.7492, 88.6846, 105.1957



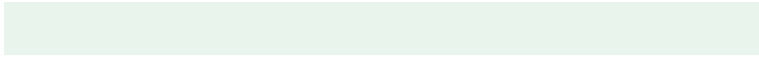
87.2549, 88.6846, 101.0768



85.8539, 88.6846, 88.4150

Rectangle

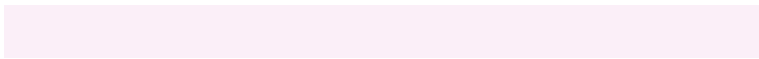
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



81.3970, 88.6846, 92.1846



81.2574, 88.6846, 100.1745



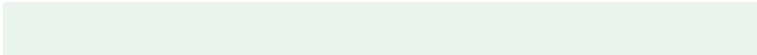
87.2549, 88.6846, 101.0768



87.4013, 88.6846, 93.0383

Sweetspot

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



81.3995, 88.6884, 92.1865



93.8116, 99.3970, 107.2426



84.0506, 90.1050, 90.0540



20.0926, 21.2814, 22.9718



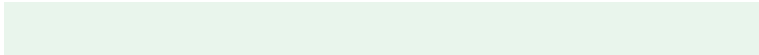
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

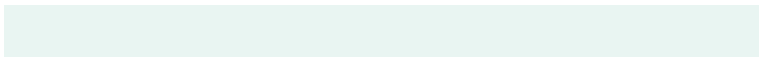
The Same Dimension uses a secret algorithm to generate beautiful new colors.



81.3995, 88.6884, 92.1865



87.8503, 96.4956, 99.2047



82.2566, 89.0312, 96.7000



17.0772, 18.8440, 19.2521



18.0941, 35.3825, 8.5150



1.6298, 3.1256, 0.9567

Inverse Universe

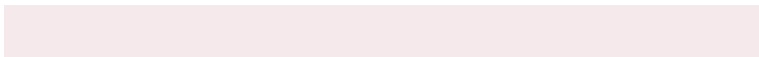
The Inverse Universe completely reimagines the original color for something new.



82.8254, 84.1034, 95.8770



89.7522, 90.3798, 104.1270



81.9673, 83.7601, 91.3585



17.4871, 17.5260, 20.3129



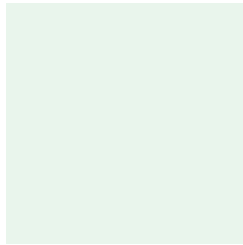
24.9923, 12.3403, 25.7315



2.2374, 1.1009, 2.4767

Previews

White Background



This preview shows how the XYZ color 81.3970, 88.6846, 92.1846 looks on a white background.

Color Contrast Check

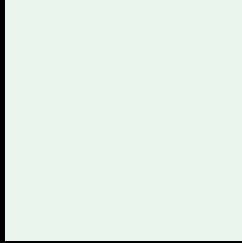
Large Text (above 18pt) WCAG AA × Fail

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 81.3970, 88.6846, 92.1846 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

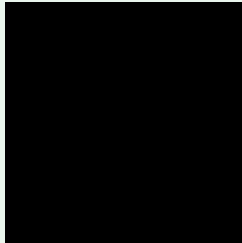
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

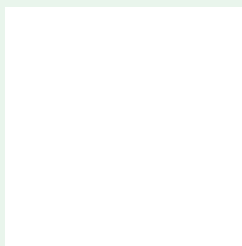
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 81.3970, 88.6846, 92.1846

Background



This preview shows how black text looks on a background with the XYZ color 81.3970, 88.6846, 92.1846.



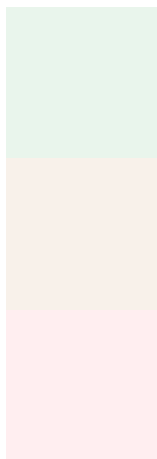
This preview shows how white text looks on a background with the XYZ color 81.3970, 88.6846,

92.1846.

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

81.3970, 88.6846, 92.1846

Protanopia

85.0180, 88.8076, 90.5025

Deuteranopia

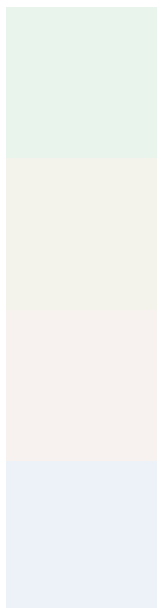
87.5427, 88.7003, 94.9450



Tritanopia

84.7652, 88.3077, 107.1852

Trichromacy



Original Color

81.3970, 88.6846, 92.1846

Protanomaly

83.7097, 88.5571, 91.2785

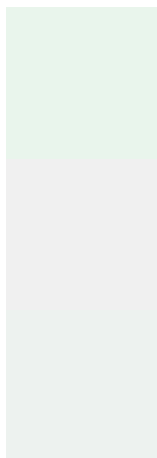
Deuteranomaly

85.3931, 88.9167, 94.3233

Tritanomaly

83.2875, 88.1144, 101.4250

Monochromacy



Original Color

81.3970, 88.6846, 92.1846

Achromatopsia

82.8234, 87.1367, 94.8919

Achromatomaly

82.2572, 87.7408, 94.2616

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.3970, 88.6846, 92.1846 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(233, 245, 236) looks like.

```
.text, #text, p{  
    color:rgb(233, 245, 236)  
}
```

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(233, 245, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 245, 236) }
```

Border

The CSS property to change the border of an element to XYZ 81.3970, 88.6846, 92.1846 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(233, 245, 236) }
```


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

```
.border{ border-color:rgb(233, 245, 236) }
```

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

Here you see how a box with a 4 pixel rgb(233, 245, 236) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 245, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 245, 236);  
box-shadow:4px 4px 4px 4px rgb(233, 245,  
236) }
```

Background

The CSS property to change the background color of an element to XYZ 81.3970, 88.6846, 92.1846 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 245, 236) }
```

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

```
.background{ background-color: rgb(233,  
245, 236) }
```

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