

Converting Colors

XYZ(112.6685, 145.7294,
101.8739)

Have a look what the booklet for
XYZ(112.6685, 145.7294, 101.8739)
contains.

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Color

**XYZ(88.2085, 96.8092,
93.3938)**

Conversions

Conversions Part 1

Format	Color
Hex	F4FFEC
RGB	244, 255, 236
RGB Percent	96%, 100%, 93%
CMY	0.0431, 0.0000, 0.0745
CMYK	0.04, 0.00, 0.07, 0.00
HSL	95°, 100%, 96%
HSV	95°, 7%, 100%
XYZ	88.2085, 96.8092, 93.3938
YIQ	249.5450, -0.4570, -8.2410

Conversions

Conversions Part 2

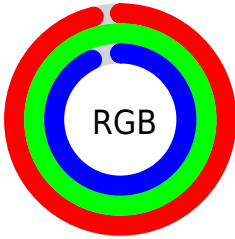
Format	Color
R_{YB}	236, 255, 247
Decimal	16056300
CIE _{Lab}	98.75, -6.92, 7.82
CIE _{LCh}	99, 10.441, 131.479
Yxy	96.8092, 0.3168, 0.3477
Android (android.graphics.Color)	4294246380 (0xFFFF4FFEC)
YUV	249.5450, -6.6777, -4.8630
Hunter-Lab	98.3917, -12.1595, 12.5958

Details

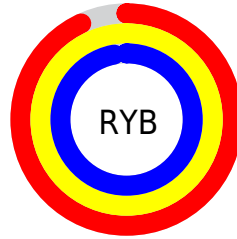
The XYZ color 88.2085, 96.8092, 93.3938 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 86.4039, 86.9862, 106.8438, and the grayscale version is 90.5440, 95.2593, 103.7374.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 49.1713, 54.3748, 51.0838 is the 20% darker color. If you saturate the color by 10%, you get 79.8447, 92.8955, 75.0234, and if you desaturate by 10%, it is 95.0500, 100.0000, 108.9000.

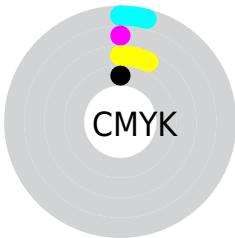
Distribution



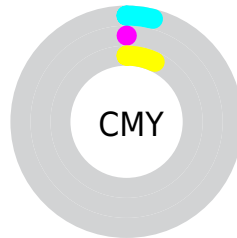
- Red (96%)
- Green (100%)
- Blue (93%)



- Red (93%)
- Yellow (100%)
- Blue (97%)



- Cyan (4%)
- Magenta (0%)
- Yellow (7%)
- Black (0%)





- Cyan (4%)
- Magenta (0%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 88.2085, 96.8092, 93.3938 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 88.2085, 96.8092, 93.3938 by changing the saturation by 10% instead.


 88.2085, 96.8092,
93.3938

 88.2085, 96.8092,
93.3938


510.5110,
549.9409, 559.8625

 66.8271, 73.6417,
70.2094


143.7384,
156.7617, 154.0201

 49.2143, 54.5008,
51.2194


178.6177,
194.3155, 192.2991

 35.0048, 39.0022,
36.0053


218.7270,
237.4336, 236.4467

 23.8331, 26.7614,
24.1486

264.4316,
286.5002, 286.8814

 15.3339, 17.3941,
15.2306

316.0970,
341.8999, 344.0218

 9.1419, 10.5159,
8.8330

374.0884,

 4.8917, 5.7423,

404.0169, 408.2864

4.5371

438.7713,
473.2358, 480.0938

■ 2.2180, 2.6890,
1.9244

■ 0.7522, 0.9716,
0.5082

■ 88.2085, 96.8092,
93.3938

■ 88.2085, 96.8092,
93.3938

■ 79.8447, 92.8955,
75.0234

95.0500, 100.0000,
108.9000

■ 72.3877, 89.3907,
59.3388

■ 65.8044, 86.2805,
46.2152

■ 60.0587, 83.5493,
35.5161

■ 55.1116, 81.1803,
27.0925

■ 50.9205, 79.1552,
20.7787

■ 47.4381, 77.4535,
16.3866

■ 44.6100, 76.0522,
13.6950

■ 42.3683, 74.9226,
12.4152

Harmonies

Analogous

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



90.8595, 96.8092, 89.8857



88.2085, 96.8092, 93.3938



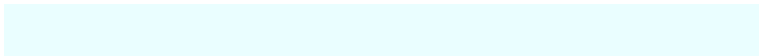
86.5989, 96.8092, 100.1960

Triad

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



88.2085, 96.8092, 93.3938



90.1756, 96.8092, 122.0375



97.8436, 96.8092, 102.1226

Complementary

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



88.2085, 96.8092, 93.3938



86.4039, 86.9862, 106.8438

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.



97.6508, 96.8092, 110.7993



88.2085, 96.8092, 93.3938



93.1787, 96.8092, 122.6234

Square

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



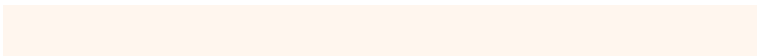
88.2085, 96.8092, 93.3938



87.7173, 96.8092, 116.8528



95.9279, 96.8092, 118.4124



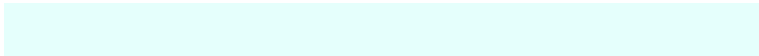
96.4493, 96.8092, 94.7374

Rectangle

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



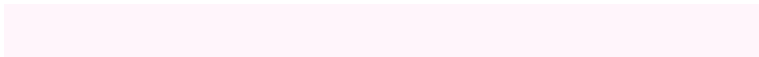
88.2085, 96.8092, 93.3938



86.3112, 96.8092, 105.8399



95.9279, 96.8092, 118.4124



97.9631, 96.8092, 104.9788

Sweetspot

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



88.2093, 96.8096, 93.3953



93.1617, 99.1202, 104.5822



89.5703, 93.6956, 92.7225



19.9603, 21.2250, 22.4301



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

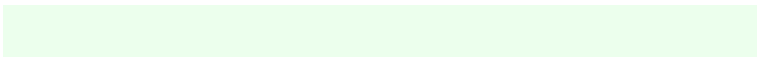
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.2093, 96.8096, 93.3953



86.8523, 96.1756, 90.3673



85.6780, 95.4833, 94.2409



18.4964, 20.5418, 19.1344



22.0385, 39.0993, 6.3854



2.2672, 3.8695, 0.6274

Inverse Universe

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



86.4039, 86.9862, 106.8438



84.6944, 84.4344, 106.4413



89.0827, 88.3907, 105.9082



18.0104, 17.8971, 22.7552



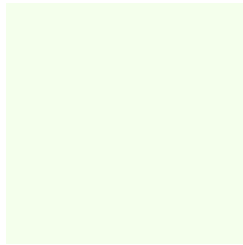
15.9520, 7.1341, 49.9708



1.6779, 0.7589, 4.8713

Previews

White Background



This preview shows how the XYZ color 88.2085, 96.8092, 93.3938 looks on a white background.

Color Contrast Check

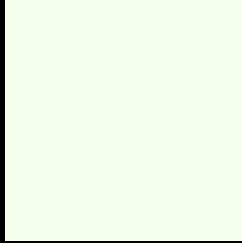
Large Text (above 18pt) WCAG AA × Fail

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 88.2085, 96.8092, 93.3938 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

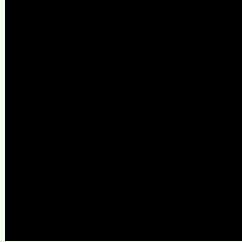
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

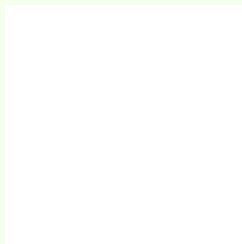
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 88.2085, 96.8092, 93.3938

Background



This preview shows how black text looks on a background with the XYZ color 88.2085, 96.8092, 93.3938.

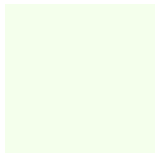


This preview shows how white text looks on a background with the XYZ color 88.2085, 96.8092,

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

88.2085, 96.8092, 93.3938



Protanopia

92.0663, 96.7860, 99.4171

Deuteranopia

92.6809, 96.5333, 104.1905

Tritanopia

92.3308, 96.7236, 108.4109

Trichromacy



Original Color

88.2085, 96.8092, 93.3938

Protanomaly

90.4712, 96.4809, 97.0734

Deuteranomaly

91.0755, 96.7226, 100.2553

Tritanomaly

90.4651, 96.3546, 102.6372

Monochromacy



Original Color

88.2085, 96.8092, 93.3938

Achromatopsia

90.8653, 95.5973, 104.1055

Achromatomaly

90.0032, 96.1698, 100.2052

CSS Examples

Text

The CSS property to change the color of the text to XYZ 88.2085, 96.8092, 93.3938 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(244, 255, 236)` looks like.

```
.text, #text, p{  
    color:rgb(244, 255, 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(244, 255, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 255, 236) }
```

Border

The CSS property to change the border of an element to XYZ 88.2085, 96.8092, 93.3938 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(244, 255, 236) }
```


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

```
.border{ border-color:rgb(244, 255, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 255, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 255, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 255, 236);  
box-shadow:4px 4px 4px 4px rgb(244, 255,  
236) }
```

Background

The CSS property to change the background color of an element to XYZ 88.2085, 96.8092, 93.3938 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 255, 236) }
```

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

```
.background{ background-color: rgb(244,  
255, 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](#).

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