

Converting Colors

XYZ(88.5562, 96.6904, 94.1175)

Have a look what the booklet for
XYZ(88.5562, 96.6904, 94.1175)
contains.

XYZ(88.3841, 96.4105, 94.0715)	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(88.3841, 96.4105,
94.0715)**

Conversions

Conversions Part 1

Format	Color
Hex	F5FEED
RGB	245, 254, 237
RGB Percent	96%, 100%, 93%
CMY	0.0392, 0.0039, 0.0706
CMYK	0.04, 0.00, 0.07, 0.00
HSL	92°, 90%, 96%
HSV	92°, 7%, 100%
XYZ	88.3841, 96.4105, 94.0715
YIQ	249.3710, 0.0930, -7.1950

Conversions

Conversions Part 2

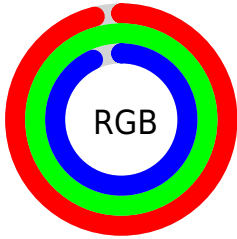
Format	Color
R _Y B	237, 254, 246
Decimal	16121581
CIE Lab	98.60, -5.91, 7.09
CIE LCh	99, 9.233, 129.816
Yxy	96.4105, 0.3169, 0.3457
Android (android.graphics.Color)	4294311661 (0xFFFF5FEED)
YUV	249.3710, -6.0989, -3.8334
Hunter-Lab	98.1888, -11.1548, 11.9284

Details

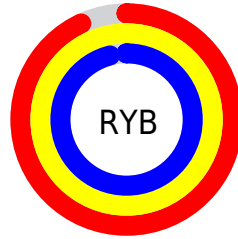
The XYZ color 88.3841, 96.4105, 94.0715 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 86.1832, 87.3195, 106.0829, and the grayscale version is 90.3986, 95.1064, 103.5708.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 49.2930, 54.0875, 51.5580 is the 20% darker color. If you saturate the color by 10%, you get 80.4103, 92.7015, 75.6791, and if you desaturate by 10%, it is 94.7337, 99.3674, 108.7946.

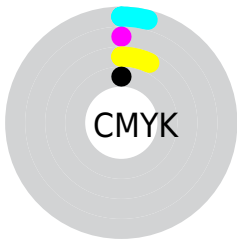
Distribution



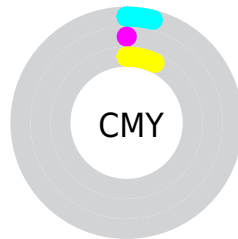
- Red (96%)
- Green (100%)
- Blue (93%)



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



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





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

Brightness & Saturation Gradients


These gradients show how the XYZ color 88.3841, 96.4105, 94.0715 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 88.3841, 96.4105, 94.0715 by changing the saturation by 10% instead.


 88.3841, 96.4105,
94.0715

 88.3841, 96.4105,
94.0715


511.0769,
548.6707, 562.0964

 66.9731, 73.3095,
70.7698

143.9816,
156.2118, 154.9657

 49.3334, 54.2291,
51.6737


178.8987,
193.6809, 193.3954

 35.0996, 38.7848,
36.3646


219.0486,
236.7082, 237.7047

 23.9065, 26.5924,
24.4240

264.7966,
285.6780, 288.3124

 15.3886, 17.2673,
15.4333

316.5081,
340.9748, 345.6368

 9.1807, 10.4253,
8.9741

374.5484,

 4.9173, 5.6818,

402.9829, 410.0966

4.6277

439.2829,
472.0868, 482.1103

■ 2.2331, 2.6526,
1.9756

■ 0.7601, 0.9532,
0.5402

■ 88.3841, 96.4105,
94.0715

■ 88.3841, 96.4105,
94.0715

■ 80.4103, 92.7015,
75.6791

94.7337, 99.3674,
108.7946

■ 73.2715, 89.3620,
59.9531

■ 66.9395, 86.3829,
46.7714

■ 61.3811, 83.7501,
35.9997

■ 56.5606, 81.4484,
27.4916

■ 52.4390, 79.4612,
21.0846

■ 48.9725, 77.7699,
16.5946

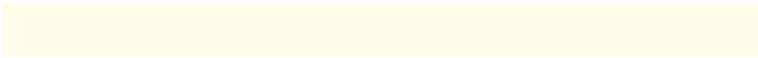
■ 46.1113, 76.3537,
13.8055

■ 43.7942, 75.1869,
12.4454

Harmonies

Analogous

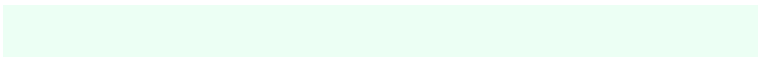
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



90.7620, 96.4105, 91.1308



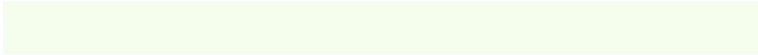
88.3841, 96.4105, 94.0715



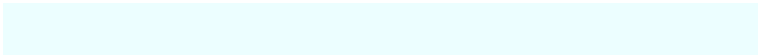
86.8963, 96.4105, 99.9782

Triad

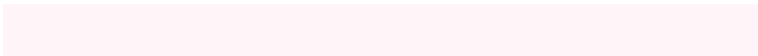
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



88.3841, 96.4105, 94.0715



89.8737, 96.4105, 119.4024



96.7926, 96.4105, 102.4856

Complementary

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



88.3841, 96.4105, 94.0715



86.1832, 87.3195, 106.0829

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.



96.5435, 96.4105, 110.1348



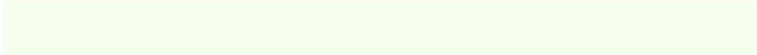
88.3841, 96.4105, 94.0715



92.5141, 96.4105, 120.1540

Square

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



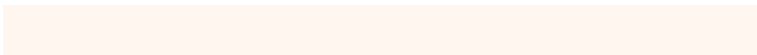
88.3841, 96.4105, 94.0715



87.7446, 96.4105, 114.6829



94.9652, 96.4105, 116.6893



95.6393, 96.4105, 95.8303

Rectangle

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



88.3841, 96.4105, 94.0715



86.5921, 96.4105, 104.9274



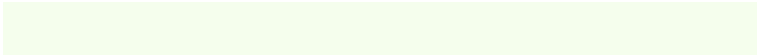
94.9652, 96.4105, 116.6893



96.8706, 96.4105, 105.0219

Sweetspot

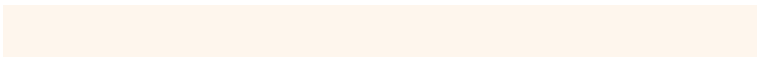
The Sweet Spot groups the original color and five complimentary colors.



88.3868, 96.4147, 94.0736



93.2530, 99.1672, 104.5865



89.0526, 92.9687, 93.3734



19.9789, 21.2346, 22.4310



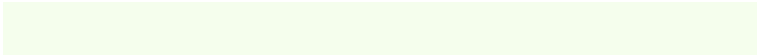
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

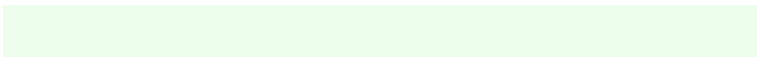
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.3868, 96.4147, 94.0736



88.0744, 96.7635, 92.3298



85.6971, 95.0233, 94.1641



18.5842, 20.5871, 19.1385



22.8995, 39.5432, 6.4257



2.3545, 3.9146, 0.6315

Inverse Universe

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



86.1832, 87.3195, 106.0829



85.4407, 85.8928, 106.6835



89.0049, 88.7794, 105.9782



17.9213, 17.8512, 22.7510



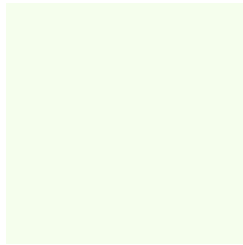
14.8291, 6.5551, 49.9183



1.5700, 0.7033, 4.8663

Previews

White Background



This preview shows how the XYZ color 88.3841, 96.4105, 94.0715 looks on a white background.

Color Contrast Check

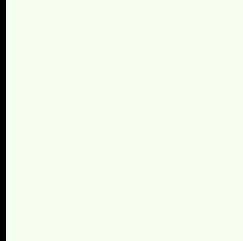
Large Text (above 18pt) WCAG AA × Fail

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 88.3841, 96.4105, 94.0715 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

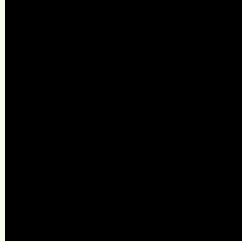
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

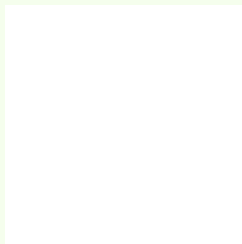
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 88.3841, 96.4105, 94.0715

Background



This preview shows how black text looks on a background with the XYZ color 88.3841, 96.4105, 94.0715.

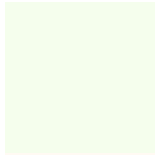


This preview shows how white text looks on a background with the XYZ color 88.3841, 96.4105,

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

88.3841, 96.4105, 94.0715

Protanopia

91.6033, 96.1023, 98.5156

Deuteranopia

92.5245, 96.4708, 103.3667

Tritanopia

92.3308, 96.7236, 108.4109

Trichromacy



Original Color

88.3841, 96.4105, 94.0715

Protanomaly

90.1580, 95.8545, 96.9690

Deuteranomaly

90.7623, 96.0962, 100.1509

Tritanomaly

90.8206, 96.5379, 102.6538

Monochromacy



Original Color

88.3841, 96.4105, 94.0715

Achromatopsia

90.0415, 94.7307, 103.1617

Achromatomaly

89.6900, 95.5434, 100.1008

CSS Examples

Text

The CSS property to change the color of the text to XYZ 88.3841, 96.4105, 94.0715 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(245, 254, 237)` looks like.

```
.text, #text, p{  
    color:rgb(245, 254, 237)  
}
```

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(245, 254, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 254, 237) }
```

Border

The CSS property to change the border of an element to XYZ 88.3841, 96.4105, 94.0715 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(245, 254, 237) }
```


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

```
.border{ border-color:rgb(245, 254, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 254, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 254, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 254, 237);  
box-shadow:4px 4px 4px 4px rgb(245, 254,  
237) }
```

Background

The CSS property to change the background color of an element to XYZ 88.3841, 96.4105, 94.0715 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 254, 237) }
```

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

```
.background{ background-color: rgb(245,  
254, 237) }
```

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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