

Converting Colors

XYZ(88.3401, 96.8490, 94.6677)

Have a look what the booklet for
XYZ(88.3401, 96.8490, 94.6677)
contains.

XYZ(88.5008, 96.9261, 94.9330)	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(88.5008, 96.9261,
94.9330)**

Conversions

Conversions Part 1

Format	Color
Hex	F4FFEE
RGB	244, 255, 238
RGB Percent	96%, 100%, 93%
CMY	0.0431, 0.0000, 0.0667
CMYK	0.04, 0.00, 0.07, 0.00
HSL	99°, 100%, 97%
HSV	99°, 7%, 100%
XYZ	88.5008, 96.9261, 94.9330
YIQ	249.7730, -1.0990, -7.6190

Conversions

Conversions Part 2

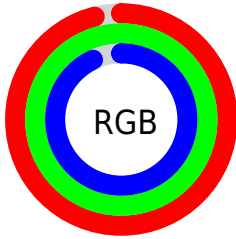
Format	Color
R _Y B	238, 255, 249
Decimal	16056302
CIE Lab	98.80, -6.58, 6.86
CIE LCh	99, 9.506, 133.775
Yxy	96.9261, 0.3157, 0.3457
Android (android.graphics.Color)	4294246382 (0xFF4FEE)
YUV	249.7730, -5.8041, -5.0629
Hunter-Lab	98.4511, -11.8300, 11.7444

Details

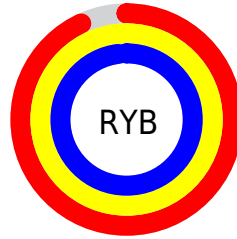
The XYZ color 88.5008, 96.9261, 94.9330 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 87.6921, 88.5100, 107.0700, and the grayscale version is 90.7254, 95.4502, 103.9453.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 49.3766, 54.4569, 52.1648 is the 20% darker color. If you saturate the color by 10%, you get 79.5441, 92.7114, 76.3224, and if you desaturate by 10%, it is 95.0500, 100.0000, 108.9000.

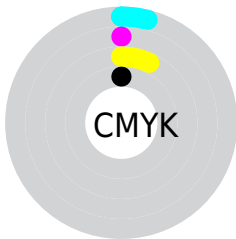
Distribution



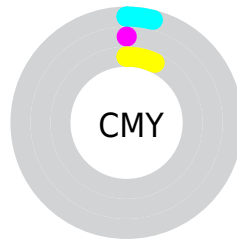
- Red (96%)
- Green (100%)
- Blue (93%)



- Red (93%)
- Yellow (100%)
- Blue (98%)



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





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

Brightness & Saturation Gradients


These gradients show how the XYZ color 88.5008, 96.9261, 94.9330 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 88.5008, 96.9261, 94.9330 by changing the saturation by 10% instead.


 88.5008, 96.9261,
94.9330

 88.5008, 96.9261,
94.9330


511.4527,
550.3130, 564.9293

 67.0701, 73.7391,
71.4826


144.1431,
156.9229, 156.1668

 49.4125, 54.5805,
52.2519


179.0855,
194.5015, 194.7874

 35.1627, 39.0660,
36.8223


219.2623,
237.6461, 239.3017

 23.9553, 26.8111,
24.7752

265.0391,
286.7411, 290.1284

 15.4250, 17.4314,
15.6922

316.7812,
342.1709, 347.6859

 9.2065, 10.5425,
9.1546

374.8540,

 4.9343, 5.7601,

404.3199, 412.3929

4.7440

439.6227,
473.5725, 484.6679

■ 2.2431, 2.6998,
2.0417

■ 0.7653, 0.9771,
0.5808

■ 88.5008, 96.9261,
94.9330

■ 88.5008, 96.9261,
94.9330

■ 79.5441, 92.7114,
76.3224

95.0500, 100.0000,
108.9000

■ 71.5944, 88.9571,
60.4118

■ 64.6147, 85.6469,
47.0767

■ 58.5648, 82.7629,
36.1814

■ 53.4014, 80.2862,
27.5777

■ 49.0774, 78.1960,
21.1014

■ 45.5405, 76.4694,
16.5661

■ 42.7314, 75.0805,
13.7533

■ 40.5785, 73.9986,
12.3886

Harmonies

Analogous

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



90.8669, 96.9261, 91.4460



88.5008, 96.9261, 94.9330



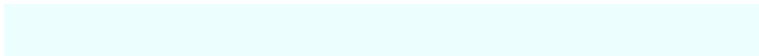
87.1209, 96.9261, 101.3442

Triad

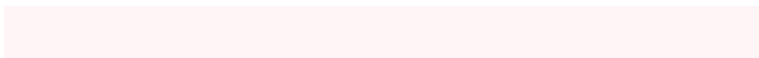
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



88.5008, 96.9261, 94.9330



90.6498, 96.9261, 120.8196



97.3788, 96.9261, 101.9567

Complementary

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



88.5008, 96.9261, 94.9330



87.6921, 88.5100, 107.0700

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.



97.3178, 96.9261, 109.8419



88.5008, 96.9261, 94.9330



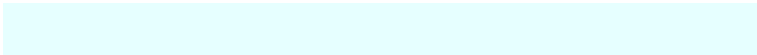
93.3953, 96.9261, 121.0039

Square

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



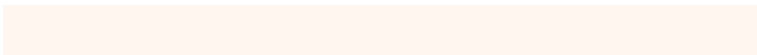
88.5008, 96.9261, 94.9330



88.3446, 96.9261, 116.4091



95.8475, 96.9261, 116.9006



96.0125, 96.9261, 95.3621

Rectangle

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



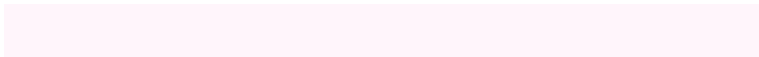
88.5008, 96.9261, 94.9330



86.9284, 96.9261, 106.5403



95.8475, 96.9261, 116.9006



97.5254, 96.9261, 104.5381

Sweetspot

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



88.5016, 96.9265, 94.9345



93.0360, 99.0553, 104.5764



90.4767, 95.0408, 94.4664



19.9347, 21.2118, 22.4289



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

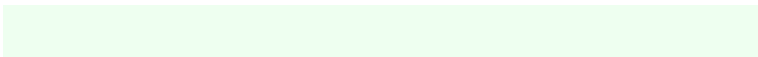
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.5016, 96.9265, 94.9345



87.2471, 96.3370, 92.2911



86.7886, 96.0047, 96.6037



18.3764, 20.4799, 19.1288



21.0347, 38.5819, 6.3384



2.1614, 3.8150, 0.6224

Inverse Universe

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



87.6921, 88.5100, 107.0700



86.2844, 86.3277, 106.7230



89.5023, 89.4850, 105.2612



18.1341, 17.9608, 22.7610



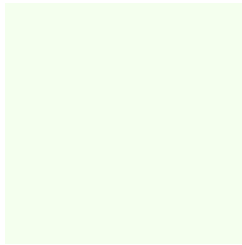
17.7073, 8.0389, 50.0530



1.8427, 0.8439, 4.8790

Previews

White Background



This preview shows how the XYZ color 88.5008, 96.9261, 94.9330 looks on a white background.

Color Contrast Check

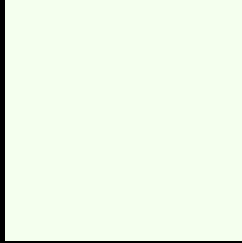
Large Text (above 18pt) WCAG AA × Fail

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 88.5008, 96.9261, 94.9330 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

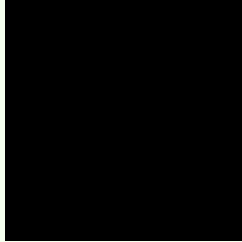
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

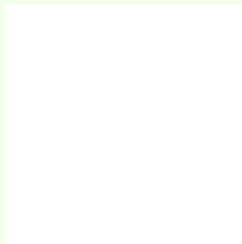
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 88.5008, 96.9261, 94.9330

Background



This preview shows how black text looks on a background with the XYZ color 88.5008, 96.9261, 94.9330.



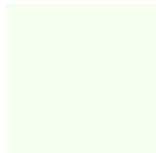
This preview shows how white text looks on a background with the XYZ color 88.5008, 96.9261,

94.9 30.

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

88.5008, 96.9261, 94.9330



Protanopia

92.2186, 96.8469, 100.2191

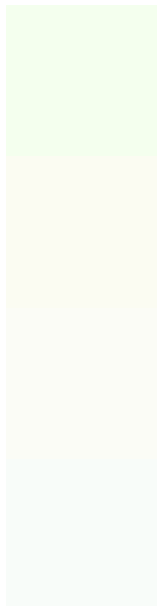
Deuteranopia

92.6809, 96.5333, 104.1905

Tritanopia

92.3308, 96.7236, 108.4109

Trichromacy



Original Color

88.5008, 96.9261, 94.9330

Protanomaly

90.6211, 96.5408, 97.8624

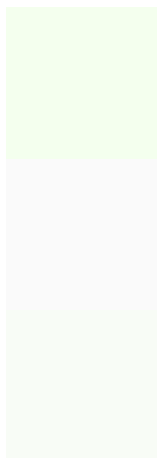
Deuteranomaly

91.2286, 96.7839, 101.0617

Tritanomaly

90.6207, 96.4168, 103.4566

Monochromacy



Original Color

88.5008, 96.9261, 94.9330

Achromatopsia

90.8653, 95.5973, 104.1055

Achromatomaly

90.1564, 96.2311, 101.0115

CSS Examples

Text

The CSS property to change the color of the text to XYZ 88.5008, 96.9261, 94.9330 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, 238)` looks like.

```
.text, #text, p{  
    color:rgb(244, 255, 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(244, 255, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 255, 238) }
```

Border

The CSS property to change the border of an element to XYZ 88.5008, 96.9261, 94.9330 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, 238) }
```


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

```
.border{ border-color:rgb(244, 255, 238) }
```

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, 238) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 255, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 255, 238);  
box-shadow:4px 4px 4px 4px rgb(244, 255,  
238) }
```

Background

The CSS property to change the background color of an element to XYZ 88.5008, 96.9261, 94.9330 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, 238) }
```

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

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

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