

Converting Colors

XYZ(94.7817, 109.9261,
92.2596)

Have a look what the booklet for
XYZ(94.7817, 109.9261, 92.2596)
contains.

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Color

**XYZ(88.3315, 96.9390,
90.3995)**

Conversions

Conversions Part 1

Format	Color
Hex	F6FFE8
RGB	246, 255, 232
RGB Percent	96%, 100%, 91%
CMY	0.0353, 0.0000, 0.0902
CMYK	0.04, 0.00, 0.09, 0.00
HSL	83°, 100%, 95%
HSV	83°, 9%, 100%
XYZ	88.3315, 96.9390, 90.3995
YIQ	249.6870, 2.0190, -9.0610

Conversions

Conversions Part 2

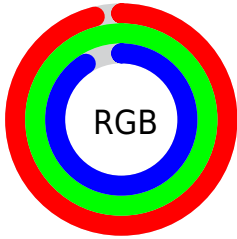
Format	Color
R _Y B	232, 255, 241
Decimal	16187368
CIE Lab	98.80, -6.91, 9.96
CIE LCh	99, 12.125, 124.741
Yxy	96.9390, 0.3204, 0.3516
Android (android.graphics.Color)	4294377448 (0xFF6FFFE8)
YUV	249.6870, -8.7197, -3.2335
Hunter-Lab	98.4576, -12.1591, 14.4828

Details

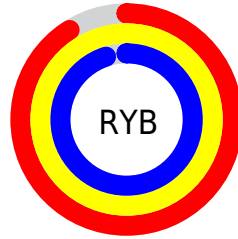
The XYZ color 88.3315, 96.9390, 90.3995 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 83.1830, 83.6352, 106.3667, and the grayscale version is 90.6759, 95.3981, 103.8885.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 49.2658, 54.4699, 48.9915 is the 20% darker color. If you saturate the color by 10%, you get 81.5615, 93.8376, 72.5265, and if you desaturate by 10%, it is 95.0500, 100.0000, 108.9000.

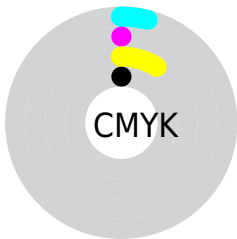
Distribution



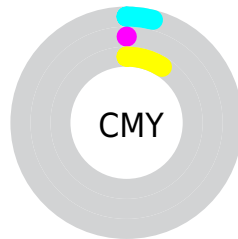
- Red (96%)
- Green (100%)
- Blue (91%)



- Red (91%)
- Yellow (100%)
- Blue (95%)



- Cyan (4%)
- Magenta (0%)
- Yellow (9%)
- Black (0%)





- Cyan (4%)
- Magenta (0%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 88.3315, 96.9390, 90.3995 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 88.3315, 96.9390, 90.3995 by changing the saturation by 10% instead.

 88.3315, 96.9390,
90.3995

 88.3315, 96.9390,
90.3995

510.9074,
550.3540, 549.9332

 66.9293, 73.7499,
67.7365


143.9088,
156.9407, 149.8336

 49.2977, 54.5893,
49.2180


178.8146,
194.5221, 187.4417

 35.0712, 39.0730,
34.4256


218.9523,
237.6696, 230.8685

 23.8845, 26.8165,
22.9408

264.6873,
286.7677, 280.5327

 15.3722, 17.4355,
14.3449

316.3850,
342.2008, 336.8527

 9.1691, 10.5455,
8.2194

374.4107,

 4.9096, 5.7621,

404.3533, 400.2471

4.1459

439.1297,
473.6096, 471.1344

■ 2.2285, 2.7010,
1.7057

■ 0.7577, 0.9777,
0.3647

■ 88.3315, 96.9390,
90.3995

■ 88.3315, 96.9390,
90.3995

■ 81.5615, 93.8376,
72.5265

95.0500, 100.0000,
108.9000

■ 75.4791, 91.0324,
57.3100

■ 70.0576, 88.5127,
44.6241

■ 65.2681, 86.2665,
34.3309

■ 61.0785, 84.2806,
26.2794

■ 57.4538, 82.5405,
20.3013

■ 54.3542, 81.0301,
16.2046

■ 51.7331, 79.7302,
13.7616

■ 49.5230, 78.6135,
12.6356

Harmonies

Analogous

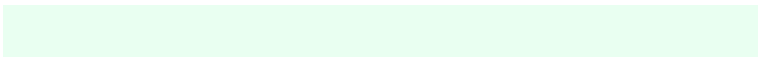
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



91.5789, 96.9390, 87.3752



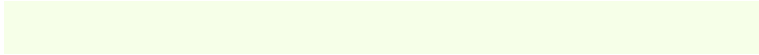
88.3315, 96.9390, 90.3995



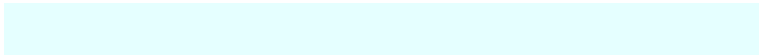
86.1469, 96.9390, 97.4876

Triad

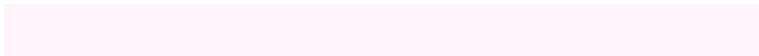
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



88.3315, 96.9390, 90.3995



89.2776, 96.9390, 124.0828



99.0536, 96.9390, 103.9548

Complementary

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



88.3315, 96.9390, 90.3995



83.1830, 83.6352, 106.3667

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.



98.3998, 96.9390, 114.0453



88.3315, 96.9390, 90.3995



92.6986, 96.9390, 126.0853

Square

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



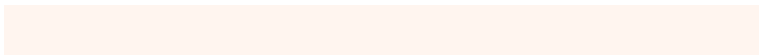
88.3315, 96.9390, 90.3995



86.6833, 96.9390, 116.9945



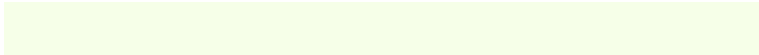
96.0515, 96.9390, 122.3054



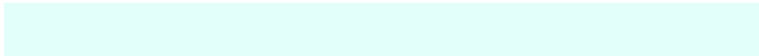
97.8160, 96.9390, 94.8774

Rectangle

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



88.3315, 96.9390, 90.3995



85.5563, 96.9390, 103.7822



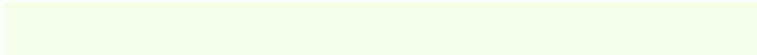
96.0515, 96.9390, 122.3054



99.0480, 96.9390, 107.3379

Sweetspot

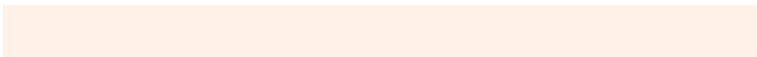
The Sweet Spot groups the original color and five complimentary colors.



88.3322, 96.9394, 90.4010



92.7499, 98.9537, 102.4907



87.2072, 89.8891, 89.0994



19.7231, 21.1213, 21.5799



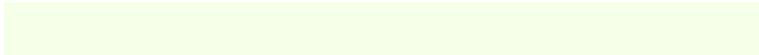
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

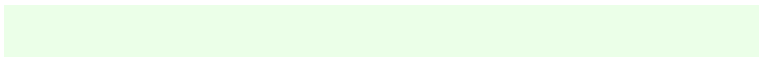
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.3322, 96.9394, 90.4010



86.9349, 96.3008, 86.6428



84.4828, 94.9549, 90.2208



18.8329, 20.7153, 19.1502



25.9434, 41.1124, 6.5681



2.6487, 4.0662, 0.6453

Inverse Universe

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



83.1830, 83.6352, 106.3667



80.7403, 80.2951, 105.8508



87.1669, 85.6890, 106.5532



17.6753, 17.7243, 22.7395



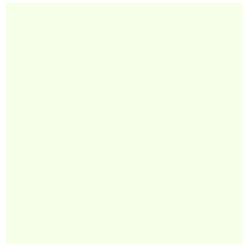
12.3201, 5.2617, 49.8009



1.3178, 0.5733, 4.8545

Previews

White Background



This preview shows how the XYZ color 88.3315, 96.9390, 90.3995 looks on a white background.

Color Contrast Check

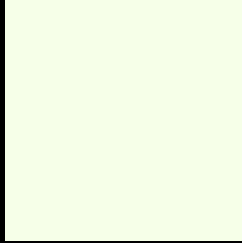
Large Text (above 18pt) WCAG AA × Fail

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 88.3315, 96.9390, 90.3995 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

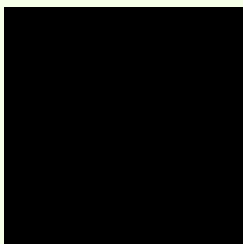
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

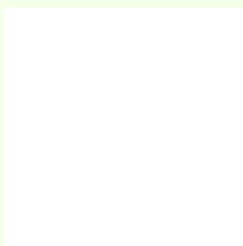
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 88.3315, 96.9390, 90.3995

Background



This preview shows how black text looks on a background with the XYZ color 88.3315, 96.9390, 90.3995.



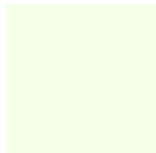
This preview shows how white text looks on a background with the XYZ color 88.3315, 96.9390,

90.395.

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

88.3315, 96.9390, 90.3995



Protanopia

92.0663, 96.7860, 99.4171

Deuteranopia

92.9925, 97.1565, 104.2943

Tritanopia

92.3308, 96.7236, 108.4109

Trichromacy



Original Color

88.3315, 96.9390, 90.3995

Protanomaly

90.6835, 96.6075, 96.3057

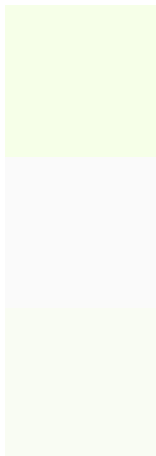
Deuteranomaly

91.1329, 96.7873, 98.6726

Tritanomaly

90.6658, 96.4759, 101.8388

Monochromacy



Original Color

88.3315, 96.9390, 90.3995

Achromatopsia

90.8653, 95.5973, 104.1055

Achromatomaly

90.0550, 96.2316, 98.6222

CSS Examples

Text

The CSS property to change the color of the text to XYZ 88.3315, 96.9390, 90.3995 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(246, 255, 232) looks like.

```
.text, #text, p{  
    color:rgb(246, 255, 232)  
}
```

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(246, 255, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 255, 232) }
```

Border

The CSS property to change the border of an element to XYZ 88.3315, 96.9390, 90.3995 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(246, 255, 232) }
```


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

```
.border{ border-color:rgb(246, 255, 232) }
```

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

Here you see how a box with a 4 pixel rgb(246, 255, 232) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 255, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 255, 232);  
box-shadow:4px 4px 4px 4px rgb(246, 255,  
232) }
```

Background

The CSS property to change the background color of an element to XYZ 88.3315, 96.9390, 90.3995 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 255, 232) }
```

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

```
.background{ background-color: rgb(246,  
255, 232) }
```

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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