

Converting Colors

XYZ(88.0456, 95.8074, 95.9824)

Have a look what the booklet for XYZ(88.0456, 95.8074, 95.9824) contains.

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Color

**XYZ(88.1617, 95.7749,
96.2779)**

Conversions

Conversions Part 1

Format	Color
Hex	F4DFD0
RGB	244, 253, 240
RGB Percent	96%, 99%, 94%
CMY	0.0431, 0.0078, 0.0588
CMYK	0.04, 0.00, 0.05, 0.01
HSL	102°, 77%, 97%
HSV	102°, 5%, 99%
XYZ	88.1617, 95.7749, 96.2779
YIQ	248.8270, -1.1910, -5.9510

Conversions

Conversions Part 2

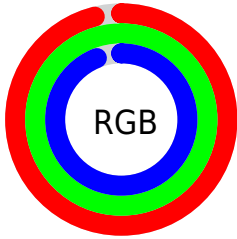
Format	Color
R_{YB}	240, 253, 249
Decimal	16055792
CIE Lab	98.34, -5.23, 5.18
CIE LCh	98, 7.363, 135.302
Yxy	95.7749, 0.3146, 0.3418
Android (android.graphics.Color)	4294245872 (0xFFFF4FDF0)
YUV	248.8270, -4.3517, -4.2333
Hunter-Lab	97.8647, -10.4608, 10.1766

Details

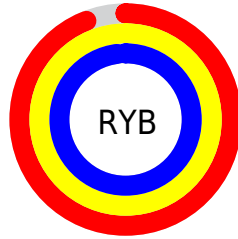
The XYZ color 88.1617, 95.7749, 96.2779 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 87.9603, 89.5544, 105.5831, and the grayscale version is 89.9381, 94.6219, 103.0432.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 49.1307, 53.6319, 53.1099 is the 20% darker color. If you saturate the color by 10%, you get 78.8702, 91.3921, 77.5725, and if you desaturate by 10%, it is 94.4171, 98.7343, 108.6890.

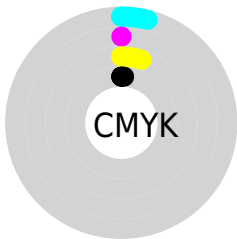
Distribution



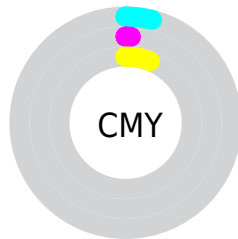
- Red (96%)
- Green (99%)
- Blue (94%)



- Red (94%)
- Yellow (99%)
- Blue (98%)



- Cyan (4%)
- Magenta (0%)
- Yellow (5%)
- Black (1%)





- Cyan (4%)
- Magenta (1%)
- Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 88.1617, 95.7749, 96.2779 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 88.1617, 95.7749, 96.2779 by changing the saturation by 10% instead.


 88.1617, 95.7749,
96.2779

 88.1617, 95.7749,
96.2779


510.3601,
546.6428, 569.3365

 66.7882, 72.7801,
72.5963


143.6736,
155.3347, 158.0396

 49.1826, 53.7962,
53.1561


178.5428,
192.6685, 196.9568

 34.9795, 38.4387,
37.5388


218.6413,
235.5508, 241.7896

 23.8135, 26.3234,
25.3259

264.3343,
284.3659, 292.9565

 15.3193, 17.0657,
16.0988

315.9874,
339.4983, 350.8762

 9.1316, 10.2814,
9.4390

373.9658,

 4.8849, 5.5859,

401.3323, 415.9670

4.9279

438.6349,
470.2523, 488.6476

■ 2.2139, 2.5950,
2.1470

■ 0.7501, 0.9241,
0.6435

■ 88.1617, 95.7749,
96.2779

■ 88.1617, 95.7749,
96.2779

■ 78.8702, 91.3921,
77.5725

94.4171, 98.7343,
108.6890

■ 70.6404, 87.4959,
61.5377

■ 63.4351, 84.0724,
48.0536

■ 57.2119, 81.1027,
36.9884

■ 51.9253, 78.5665,
28.1986

■ 47.5258, 76.4416,
21.5255

■ 43.9587, 74.7038,
16.7901

■ 41.1623, 73.3258,
13.7837

■ 39.0638, 72.2758,
12.2492

Harmonies

Analogous

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



89.9587, 95.7749, 93.4132



88.1617, 95.7749, 96.2779



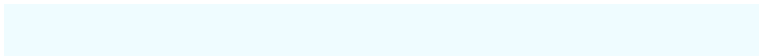
87.1414, 95.7749, 101.3459

Triad

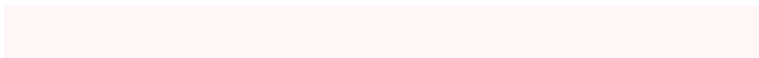
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



88.1617, 95.7749, 96.2779



89.9999, 95.7749, 115.9982



95.0235, 95.7749, 101.2292

Complementary

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



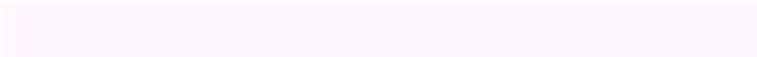
88.1617, 95.7749, 96.2779



87.9603, 89.5544, 105.5831

Split Complementary

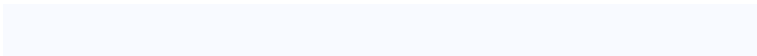
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



95.0350, 95.7749, 107.2755



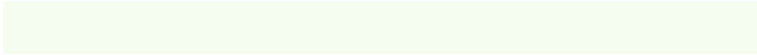
88.1617, 95.7749, 96.2779



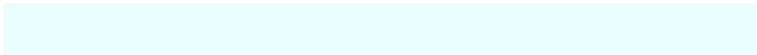
92.1122, 95.7749, 115.9640

Square

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



88.1617, 95.7749, 96.2779



88.1915, 95.7749, 112.8109



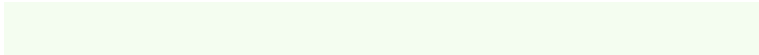
93.9622, 95.7749, 112.7191



93.9312, 95.7749, 96.1953

Rectangle

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



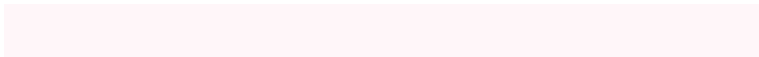
88.1617, 95.7749, 96.2779



87.0288, 95.7749, 105.3661



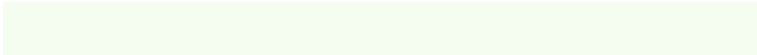
93.9622, 95.7749, 112.7191



95.1544, 95.7749, 103.2065

Sweetspot

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



88.1644, 95.7790, 96.2800



92.9523, 99.0122, 104.5724



90.0797, 94.8572, 96.0011



19.9176, 21.2031, 22.4281



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.



88.1644, 95.7790, 96.2800



88.8929, 97.0992, 96.2615



87.1480, 95.2139, 98.0936



18.8885, 20.7181, 20.3227



20.4786, 38.2952, 6.3124



2.0999, 3.7833, 0.6196

Inverse Universe

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



87.9603, 89.5544, 105.5831



88.6517, 89.7420, 107.2572



89.0238, 90.1462, 103.6624



18.8315, 18.9796, 22.9209



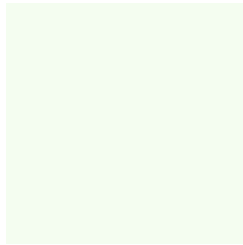
19.0140, 8.7126, 50.1141



1.9631, 0.9059, 4.8847

Previews

White Background



This preview shows how the XYZ color 88.1617, 95.7749, 96.2779 looks on a white background.

Color Contrast Check

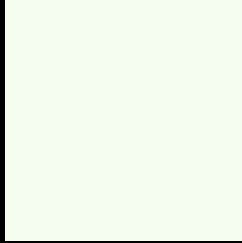
Large Text (above 18pt) WCAG AA × Fail

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 88.1617, 95.7749, 96.2779 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

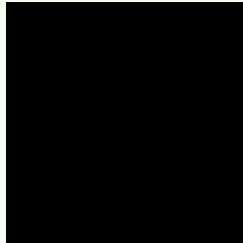
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

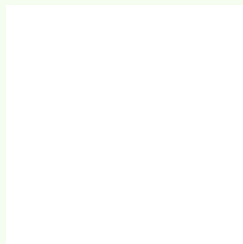
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 88.1617, 95.7749, 96.2779

Background



This preview shows how black text looks on a background with the XYZ color 88.1617, 95.7749, 96.2779.



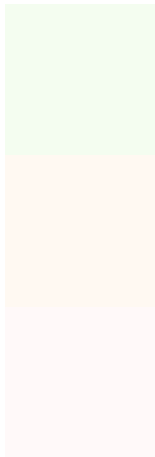
This preview shows how white text looks on a background with the XYZ color 88.1617, 95.7749,

96.279.

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

88.1617, 95.7749, 96.2779

Protanopia

91.1427, 95.4222, 97.6190

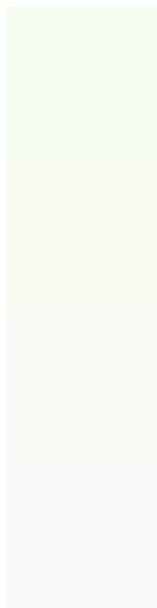
Deuteranopia

92.2146, 95.8509, 103.2634

Tritanopia

91.6599, 95.9152, 108.2902

Trichromacy



Original Color

88.1617, 95.7749, 96.2779

Protanomaly

89.8465, 95.2313, 96.8652

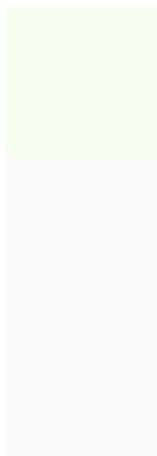
Deuteranomaly

90.6038, 95.5343, 100.8534

Tritanomaly

90.4639, 95.8529, 104.1760

Monochromacy



Original Color

88.1617, 95.7749, 96.2779

Achromatopsia

90.0415, 94.7307, 103.1617

Achromatomaly

89.1779, 94.7992, 100.7867

CSS Examples

Text

The CSS property to change the color of the text to XYZ 88.1617, 95.7749, 96.2779 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, 253, 240)` looks like.

```
.text, #text, p{  
    color:rgb(244, 253, 240)  
}
```

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, 253, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 253, 240) }
```

Border

The CSS property to change the border of an element to XYZ 88.1617, 95.7749, 96.2779 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, 253, 240) }
```


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

```
.border{ border-color:rgb(244, 253, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 253, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 253, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 253, 240);  
box-shadow:4px 4px 4px 4px rgb(244, 253,  
240) }
```

Background

The CSS property to change the background color of an element to XYZ 88.1617, 95.7749, 96.2779 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 253, 240) }
```

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

```
.background{ background-color: rgb(244,  
253, 240) }
```

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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