

Converting Colors

XYZ(86.6561, 95.5896, 96.7303)

Have a look what the booklet for
XYZ(86.6561, 95.5896, 96.7303)
contains.

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Color

**XYZ(86.5789, 95.4116,
97.0722)**

Conversions

Conversions Part 1

Format	Color
Hex	EEFEF1
RGB	238, 254, 241
RGB Percent	93%, 100%, 95%
CMY	0.0667, 0.0039, 0.0549
CMYK	0.06, 0.00, 0.05, 0.00
HSL	131°, 89%, 96%
HSV	131°, 6%, 100%
XYZ	86.5789, 95.4116, 97.0722
YIQ	247.7340, -5.3630, -7.4350

Conversions

Conversions Part 2

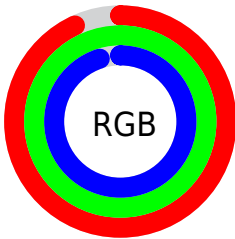
Format	Color
R _Y B	238, 251, 254
Decimal	15662833
CIE Lab	98.20, -7.55, 4.40
CIE LCh	98, 8.736, 149.736
Yxy	95.4116, 0.3102, 0.3419
Android (android.graphics.Color)	4293852913 (0xFFEEFEF1)
YUV	247.7340, -3.3199, -8.5367
Hunter-Lab	97.6789, -12.7223, 9.4534

Details

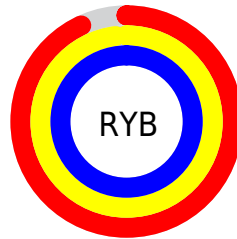
The XYZ color **86.5789, 95.4116, 97.0722** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **88.8636, 89.1874, 103.8027**, and the grayscale version is **89.0376, 93.6745, 102.0115**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **48.0146, 53.3804, 53.6717** is the 20% darker color. If you saturate the color by 10%, you get **75.7350, 90.1604, 81.3735**, and if you desaturate by 10%, it is **94.7336, 99.3672, 108.7945**.

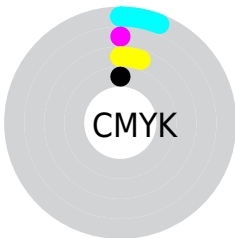
Distribution



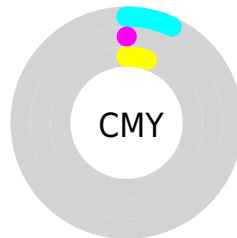
- Red (93%)
- Green (100%)
- Blue (95%)



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



- Cyan (6%)
- Magenta (0%)
- Yellow (5%)
- Black (0%)



- Cyan (7%)
- Magenta (0%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 86.5789, 95.4116, 97.0722 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 86.5789, 95.4116, 97.0722 by changing the saturation by 10% instead.

86.5789, 95.4116,
97.0722

86.5789, 95.4116,
97.0722

505.2435,
545.4818, 571.9308

65.4737, 72.4776,
73.2545

141.4797,
154.8331, 159.1445

48.1114, 53.5489,
53.6910

176.0060,
192.0894, 198.2361

34.1267, 38.2411,
37.9632

215.7367,
234.8886, 243.2561

23.1543, 26.1699,
25.6525

261.0371,
283.6151, 294.6230

14.8288, 16.9508,
16.3404

312.2727,
338.6533, 352.7554

8.7849, 10.1994,
9.6084

369.8087,

4.6571, 5.5314,

400.3875, 418.0718

5.0379

434.0105,
469.2023, 490.9907

■ 2.0802, 2.5623,
2.2104

■ 0.6784, 0.9077,
0.6804

■ 86.5789, 95.4116,
97.0722

■ 86.5789, 95.4116,
97.0722

■ 75.7350, 90.1604,
81.3735

94.7336, 99.3672,
108.7945

■ 66.3793, 85.6346,
67.5052

■ 58.4486, 81.8058,
55.4025

■ 51.8720, 78.6390,
44.9944

■ 46.5725, 76.0961,
36.2051

■ 42.4653, 74.1350,
28.9529

■ 39.4549, 72.7084,
23.1492

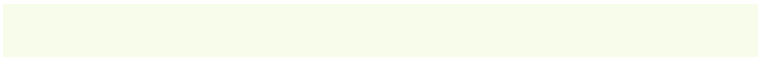
■ 37.4306, 71.7613,
18.6961

■ 36.2569, 71.2261,
15.4832

Harmonies

Analogous

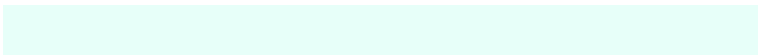
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.3118, 95.4116, 92.3358



86.5789, 95.4116, 97.0722



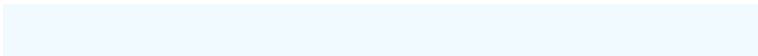
85.9425, 95.4116, 103.8234

Triad

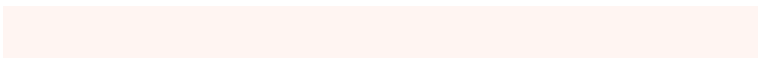
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



86.5789, 95.4116, 97.0722



90.6636, 95.4116, 118.3384



94.9436, 95.4116, 97.1776

Complementary

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



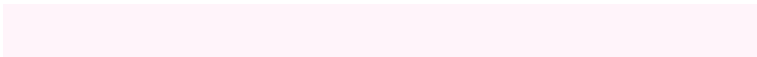
86.5789, 95.4116, 97.0722



88.8636, 89.1874, 103.8027

Split Complementary

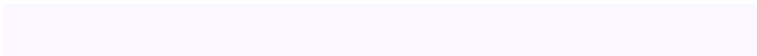
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



95.6007, 95.4116, 103.9507



86.5789, 95.4116, 97.0722



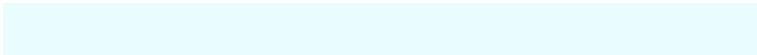
93.1021, 95.4116, 116.3635

Square

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



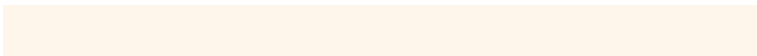
86.5789, 95.4116, 97.0722



88.2740, 95.4116, 116.2948



94.9207, 95.4116, 111.0135



93.1412, 95.4116, 92.3947

Rectangle

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



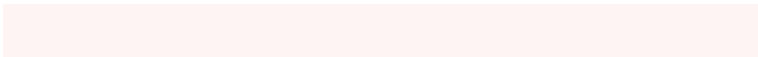
86.5789, 95.4116, 97.0722



86.2164, 95.4116, 108.6272



94.9207, 95.4116, 111.0135



95.3072, 95.4116, 99.2868

Sweetspot

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



86.5816, 95.4157, 97.0743



92.5384, 98.7815, 105.3373



90.6860, 97.5829, 94.9460



19.8333, 21.1561, 22.5839



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.



86.5816, 95.4157, 97.0743



85.3841, 95.3122, 95.1130



87.7933, 95.9004, 103.4551



17.9106, 20.2238, 19.8324



19.0016, 37.4972, 7.8935



1.8854, 3.6651, 0.9543

Inverse Universe

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



88.8636, 89.1874, 103.8027



88.2742, 87.4240, 103.6341



87.6384, 88.6973, 97.3504



18.6380, 18.2385, 21.9769



27.4987, 13.4888, 32.3401



2.7135, 1.3278, 3.3384

Previews

White Background



This preview shows how the XYZ color 86.5789, 95.4116, 97.0722 looks on a white background.

Color Contrast Check

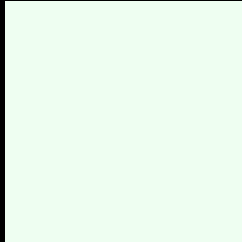
Large Text (above 18pt) WCAG AA × Fail

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 86.5789, 95.4116, 97.0722 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

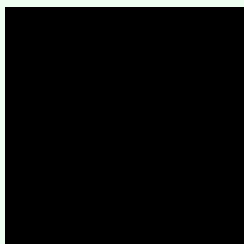
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

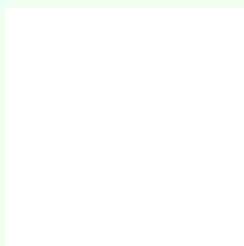
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 86.5789, 95.4116, 97.0722

Background



This preview shows how black text looks on a background with the XYZ color 86.5789, 95.4116, 97.0722.

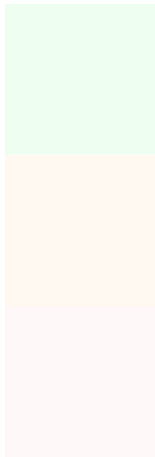


This preview shows how white text looks on a background with the XYZ color 86.5789, 95.4116,

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

86.5789, 95.4116, 97.0722

Protanopia

90.9929, 95.3622, 96.8300

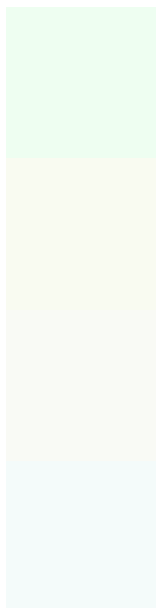
Deuteranopia

91.7507, 95.1721, 102.3412

Tritanopia

90.9470, 95.5477, 108.2569

Trichromacy



Original Color

86.5789, 95.4116, 97.0722

Protanomaly

89.4413, 95.4850, 96.9355

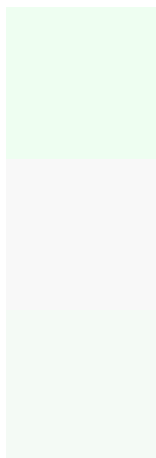
Deuteranomaly

89.7340, 95.1035, 100.0135

Tritanomaly

89.0607, 95.1296, 104.1103

Monochromacy



Original Color

86.5789, 95.4116, 97.0722

Achromatopsia

89.2221, 93.8686, 102.2229

Achromatomaly

87.9753, 94.1969, 99.9312

CSS Examples

Text

The CSS property to change the color of the text to XYZ 86.5789, 95.4116, 97.0722 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(238, 254, 241)` looks like.

```
.text, #text, p{  
    color:rgb(238, 254, 241)  
}
```

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(238, 254, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 254, 241) }
```

Border

The CSS property to change the border of an element to XYZ 86.5789, 95.4116, 97.0722 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(238, 254, 241) }
```


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

```
.border{ border-color:rgb(238, 254, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 254, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 254, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 254, 241);  
box-shadow:4px 4px 4px 4px rgb(238, 254,  
241) }
```

Background

The CSS property to change the background color of an element to XYZ 86.5789, 95.4116, 97.0722 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 254, 241) }
```

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

```
.background{ background-color: rgb(238,  
254, 241) }
```

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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