

Converting Colors

XYZ(86.7742, 96.0247, 95.3633)

Have a look what the booklet for
XYZ(86.7742, 96.0247, 95.3633)
contains.

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Color

**XYZ(86.9366, 96.1027,
95.6290)**

Conversions

Conversions Part 1

Format	Color
Hex	EFFFEF
RGB	239, 255, 239
RGB Percent	94%, 100%, 94%
CMY	0.0627, 0.0000, 0.0627
CMYK	0.06, 0.00, 0.06, 0.00
HSL	120°, 100%, 97%
HSV	120°, 6%, 100%
XYZ	86.9366, 96.1027, 95.6290
YIQ	248.3920, -4.4000, -8.3680

Conversions

Conversions Part 2

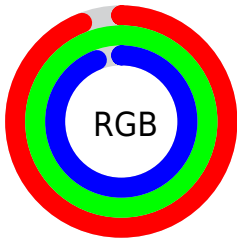
Format	Color
R _{YB}	239, 255, 255
Decimal	15728623
CIE Lab	98.47, -8.06, 5.84
CIE LCh	98, 9.955, 144.109
Yxy	96.1027, 0.3120, 0.3449
Android (android.graphics.Color)	4293918703 (0xFFEFFFFE)
YUV	248.3920, -4.6303, -8.2368
Hunter-Lab	98.0320, -13.2588, 10.7857

Details

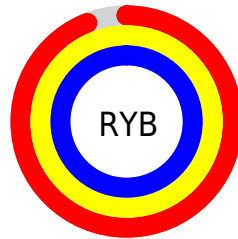
The XYZ color **86.9366, 96.1027, 95.6290** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **90.1569, 90.2139, 107.2688**, and the grayscale version is **89.5827, 94.2479, 102.6360**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **48.2698, 53.8743, 52.6544** is the 20% darker color. If you saturate the color by 10%, you get **75.4204, 90.5709, 76.7924**, and if you desaturate by 10%, it is **95.0500, 100.0000, 108.9000**.

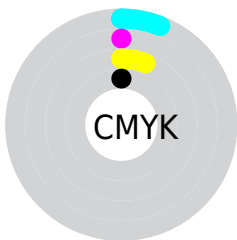
Distribution



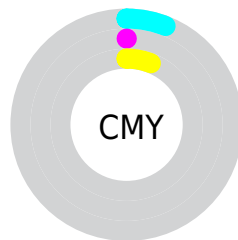
- Red (94%)
- Green (100%)
- Blue (94%)



- Red (94%)
- Yellow (100%)
- Blue (100%)



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




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

Brightness & Saturation Gradients


These gradients show how the XYZ color 86.9366, 96.1027, 95.6290 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 86.9366, 96.1027, 95.6290 by changing the saturation by 10% instead.


 86.9366, 96.1027,
95.6290

 86.9366, 96.1027,
95.6290


506.4022,
547.6892, 567.2124

 65.7706, 73.0531,
72.0588


141.9759,
155.7871, 157.1364

 48.3532, 54.0194,
52.7196


176.5799,
193.1908, 195.9106

 34.3191, 38.6172,
37.1928


216.3939,
236.1479, 240.5900

 23.3029, 26.4620,
25.0598

261.7833,
285.0428, 291.5930

 14.9393, 17.1696,
15.9022

313.1135,
340.2600, 349.3382

 8.8628, 10.3555,
9.3014

370.7498,

 4.7082, 5.6353,

402.1839, 414.2442

4.8388

435.0576,
471.1988, 486.7294

■ 2.1101, 2.6246,
2.0959

■ 0.6947, 0.9391,
0.6133

■ 86.9366, 96.1027,
95.6290

■ 86.9366, 96.1027,
95.6290

■ 75.4204, 90.5709,
76.7924

95.0500, 100.0000,
108.9000

■ 65.5768, 85.8425,
60.6915

■ 57.3288, 81.8806,
47.2004

■ 50.5924, 78.6447,
36.1817

■ 45.2759, 76.0910,
27.4856

■ 41.2778, 74.1705,
20.9458

■ 38.4830, 72.8280,
16.3742

■ 36.7566, 71.9987,
13.5504

■ 35.9310, 71.6021,
12.1998

Harmonies

Analogous

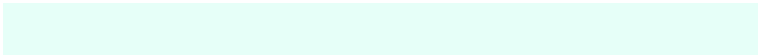
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



89.1030, 96.1027, 90.8423



86.9366, 96.1027, 95.6290



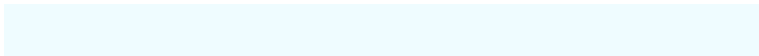
85.9529, 96.1027, 103.0229

Triad

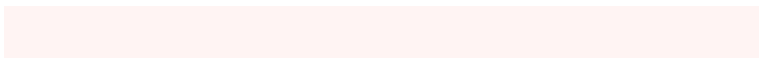
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



86.9366, 96.1027, 95.6290



90.7765, 96.1027, 121.1929



96.4826, 96.1027, 98.3042

Complementary

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



86.9366, 96.1027, 95.6290



90.1569, 90.2139, 107.2688

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.



96.9533, 96.1027, 106.2729



86.9366, 96.1027, 95.6290



93.6197, 96.1027, 119.7674

Square

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



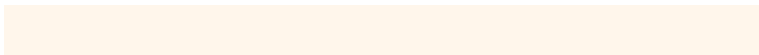
86.9366, 96.1027, 95.6290



88.1398, 96.1027, 117.9981



95.8953, 96.1027, 114.1989



94.6223, 96.1027, 92.3292

Rectangle

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



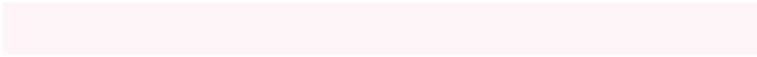
86.9366, 96.1027, 95.6290



86.0851, 96.1027, 108.5470



95.8953, 96.1027, 114.1989



96.8102, 96.1027, 100.8270

Sweetspot

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



86.9374, 96.1031, 95.6305



92.3882, 98.7214, 104.5461



92.5802, 99.0121, 95.8944



19.8027, 21.1438, 22.4228



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.



86.9374, 96.1031, 95.6305



84.8267, 95.0892, 92.1781



88.1458, 96.5865, 101.9936



17.7717, 20.1682, 19.1006



18.6854, 37.3707, 6.2285



1.8193, 3.6387, 0.6065

Inverse Universe

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



90.1569, 90.2139, 107.2688



88.8839, 87.6678, 106.8444



88.8956, 89.7094, 100.6267



18.7927, 18.3004, 22.7917



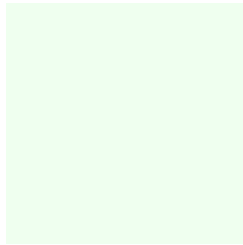
30.9800, 14.8813, 50.6723



3.0164, 1.4489, 4.9338

Previews

White Background



This preview shows how the XYZ color 86.9366, 96.1027, 95.6290 looks on a white background.

Color Contrast Check

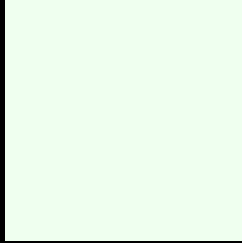
Large Text (above 18pt) WCAG AA × Fail

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 86.9366, 96.1027, 95.6290 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

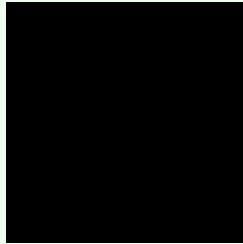
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

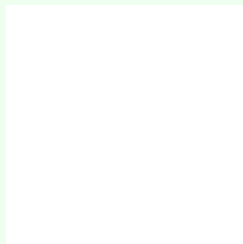
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 86.9366, 96.1027, 95.6290

Background



This preview shows how black text looks on a background with the XYZ color 86.9366, 96.1027, 95.6290.



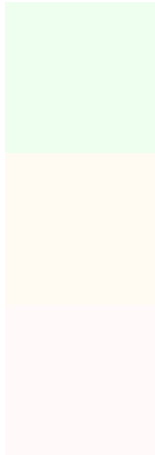
This preview shows how white text looks on a background with the XYZ color 86.9366, 96.1027,

95.6 90.

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

86.9366, 96.1027, 95.6290

Protanopia

91.4526, 96.0420, 97.7223

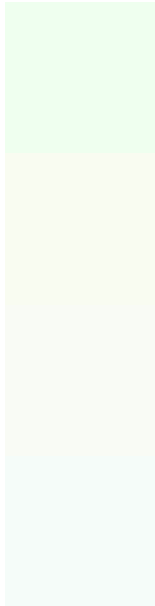
Deuteranopia

92.2146, 95.8509, 103.2634

Tritanopia

91.3025, 95.7310, 108.2735

Trichromacy



Original Color

86.9366, 96.1027, 95.6290

Protanomaly

89.7545, 96.1114, 97.0399

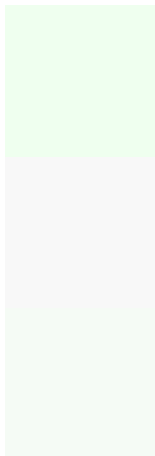
Deuteranomaly

90.0455, 95.7267, 100.1174

Tritanomaly

89.5655, 95.8728, 103.4072

Monochromacy



Original Color

86.9366, 96.1027, 95.6290

Achromatopsia

89.2221, 93.8686, 102.2229

Achromatomaly

88.6348, 94.9994, 100.0514

CSS Examples

Text

The CSS property to change the color of the text to XYZ 86.9366, 96.1027, 95.6290 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(239, 255, 239)` looks like.

```
.text, #text, p{  
    color:rgb(239, 255, 239)  
}
```

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(239, 255, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 255, 239) }
```

Border

The CSS property to change the border of an element to XYZ 86.9366, 96.1027, 95.6290 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(239, 255, 239) }
```


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

```
.border{ border-color:rgb(239, 255, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 255, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 255, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 255, 239);  
box-shadow:4px 4px 4px 4px rgb(239, 255,  
239) }
```

Background

The CSS property to change the background color of an element to XYZ 86.9366, 96.1027, 95.6290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 255, 239) }
```

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

```
.background{ background-color: rgb(239,  
255, 239) }
```

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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