

Converting Colors

XYZ(86.0543, 95.3895,
107.2599)

Have a look what the booklet for
XYZ(86.0543, 95.3895, 107.2599)
contains.

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Color

**XYZ(86.2825, 95.4988,
107.6515)**

Conversions

Conversions Part 1

Format	Color
Hex	E6FFFE
RGB	230, 255, 254
RGB Percent	90%, 100%, 100%
CMY	0.0980, 0.0000, 0.0039
CMYK	0.10, 0.00, 0.00, 0.00
HSL	178°, 100%, 95%
HSV	178°, 10%, 100%
XYZ	86.2825, 95.4988, 107.6515
YIQ	247.4110, -14.5790, -5.6110

Conversions

Conversions Part 2

Format	Color
R _Y B	230, 243, 255
Decimal	15138814
CIE Lab	98.23, -8.25, -2.29
CIE LCh	98, 8.561, 195.515
Yxy	95.4988, 0.2981, 0.3300
Android (android.graphics.Color)	4293328894 (0xFFE6FFFE)
YUV	247.4110, 3.2484, -15.2694
Hunter-Lab	97.7235, -13.4140, 3.0930

Details

The XYZ color **86.2825, 95.4988, 107.6515** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **83.9612, 83.6242, 87.3172**, and the grayscale version is **88.7250, 93.3456, 101.6534**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.7277, 53.4181, 60.6185** is the 20% darker color. If you saturate the color by 10%, you get **78.5266, 91.5192, 106.4410**, and if you desaturate by 10%, it is **95.0500, 100.0000, 108.9000**.

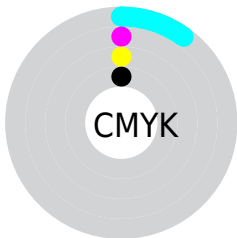
Distribution



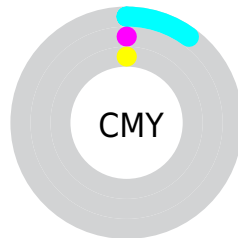
- Red (90%)
- Green (100%)
- Blue (100%)



- Red (90%)
- Yellow (95%)
- Blue (100%)



- Cyan (10%)
- Magenta (0%)
- Yellow (0%)
- Black (0%)




- Cyan (10%)
- Magenta (0%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 86.2825, 95.4988, 107.6515 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 86.2825, 95.4988, 107.6515 by changing the saturation by 10% instead.


 86.2825, 95.4988,
107.6515

 86.2825, 95.4988,
107.6515


504.2822,
545.7606, 605.9103

 65.2277, 72.5502,
82.0534


141.0684,
154.9535, 173.7763

 47.9111, 53.6082,
60.8735


175.5303,
192.2285, 215.1401

 33.9674, 38.2886,
43.6932


215.1918,
235.0476, 262.5962

 23.0314, 26.2067,
30.0940

260.4183,
283.7954, 316.5631

 14.7375, 16.9784,
19.6573

311.5753,
338.8562, 377.4595

 8.7205, 10.2191,
11.9646

369.0280,

 4.6149, 5.5444,

400.6144, 445.7037

6.5973

433.1419,
469.4544, 521.7145

■ 2.0556, 2.5701,
3.1370

■ 0.6649, 0.9117,
1.1650

■ 86.2825, 95.4988,
107.6515

■ 86.2825, 95.4988,
107.6515

■ 78.5266, 91.5192,
106.4410

95.0500, 100.0000,
108.9000

■ 71.9160, 88.1300,
105.2871

■ 66.3961, 85.3029,
104.1888

■ 61.9065, 83.0070,
103.1432

■ 58.3815, 81.2082,
102.1472

■ 55.7473, 79.8685,
101.1974

■ 53.9198, 78.9446,
100.2899

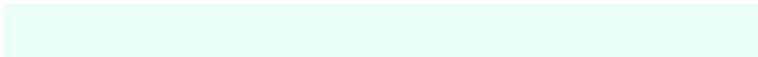
■ 52.7985, 78.3846,
99.4199

■ 52.2229, 78.1059,
98.5799

Harmonies

Analogous

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



86.2612, 95.4988, 100.6270



86.2825, 95.4988, 107.6515



87.4912, 95.4988, 113.9593

Triad

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



86.2825, 95.4988, 107.6515



94.1888, 95.4988, 113.7762



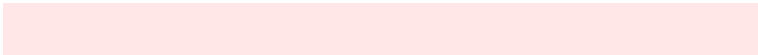
91.9582, 95.4988, 91.3977

Complementary

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



86.2825, 95.4988, 107.6515



83.9612, 83.6242, 87.3172

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.



94.1271, 95.4988, 94.6047



86.2825, 95.4988, 107.6515



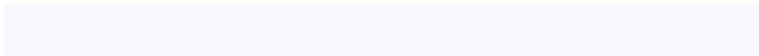
95.4306, 95.4988, 107.4107

Square

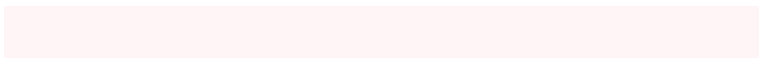
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



86.2825, 95.4988, 107.6515



92.0412, 95.4988, 117.6028



95.4079, 95.4988, 100.3968



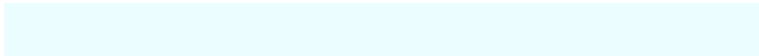
89.5081, 95.4988, 91.4556

Rectangle

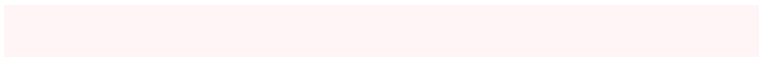
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



86.2825, 95.4988, 107.6515



88.8205, 95.4988, 116.8172



95.4079, 95.4988, 100.3968



92.7453, 95.4988, 92.1231

Sweetspot

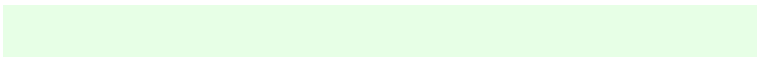
The Sweet Spot groups the original color and five complimentary colors.



86.2834, 95.4992, 107.6530



92.2422, 98.5582, 108.5121



83.0795, 94.2641, 88.6804



19.5870, 21.0151, 23.2041



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

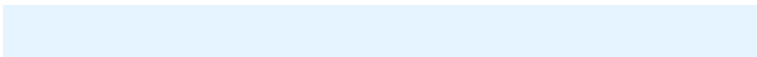
The Same Dimension uses a secret algorithm to generate beautiful new colors.



86.2834, 95.4992, 107.6530



84.4785, 94.5728, 107.3816



82.9595, 88.5948, 107.3358



18.5217, 20.4682, 23.0501



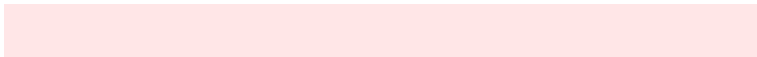
27.2966, 40.8152, 51.5746



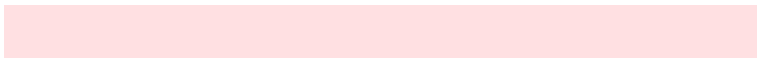
2.6672, 3.9778, 5.0710

Inverse Universe

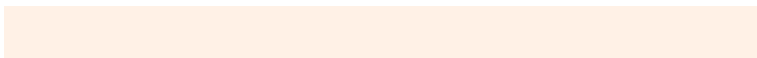
The Inverse Universe completely reimagines the original color for something new.



83.9612, 83.6242, 87.3172



81.6789, 80.2568, 82.8659



87.0529, 90.0326, 87.6542



18.0388, 17.9988, 18.8213



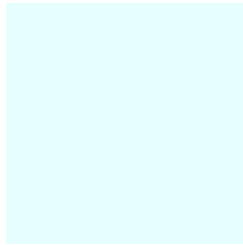
21.5906, 11.1255, 1.2288



2.1121, 1.0872, 0.1716

Previews

White Background



This preview shows how the XYZ color 86.2825, 95.4988, 107.6515 looks on a white background.

Color Contrast Check

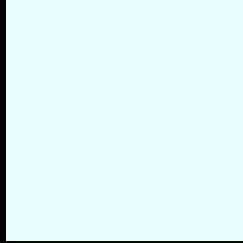
Large Text (above 18pt) WCAG AA × Fail

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 86.2825, 95.4988, 107.6515 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 86.2825, 95.4988, 107.6515

Background



This preview shows how black text looks on a background with the XYZ color 86.2825, 95.4988, 107.6515.



This preview shows how white text looks on a background with the XYZ color 86.2825, 95.4988,

107.6515.

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

86.2825, 95.4988, 107.6515

Protanopia

91.6958, 95.1078, 103.9672

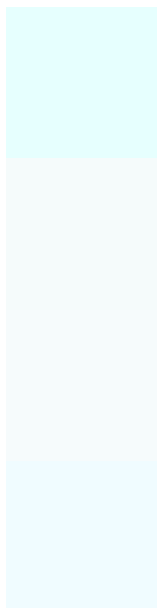
Deuteranopia

92.2200, 95.3598, 104.8126

Tritanopia

90.2416, 95.1840, 108.2239

Trichromacy



Original Color

86.2825, 95.4988, 107.6515

Protanomaly

89.5660, 95.3719, 104.9548

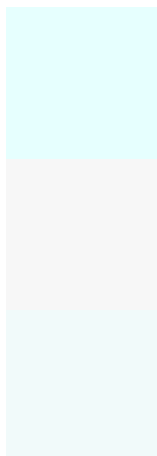
Deuteranomaly

90.0739, 95.6155, 105.8037

Tritanomaly

88.7956, 95.3661, 108.3352

Monochromacy



Original Color

86.2825, 95.4988, 107.6515

Achromatopsia

88.4070, 93.0111, 101.2891

Achromatomaly

87.7166, 93.9741, 103.9581

CSS Examples

Text

The CSS property to change the color of the text to XYZ 86.2825, 95.4988, 107.6515 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(230, 255, 254)` looks like.

```
.text, #text, p{  
    color:rgb(230, 255, 254)  
}
```

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(230, 255, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 255, 254) }
```

Border

The CSS property to change the border of an element to XYZ 86.2825, 95.4988, 107.6515 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(230, 255, 254) }
```


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

```
.border{ border-color:rgb(230, 255, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 255, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 255, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 255, 254);  
box-shadow:4px 4px 4px 4px rgb(230, 255,  
254) }
```

Background

The CSS property to change the background color of an element to XYZ 86.2825, 95.4988, 107.6515 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 255, 254) }
```

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

```
.background{ background-color: rgb(230,  
255, 254) }
```

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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