

Converting Colors

XYZ(86.6683, 95.9447, 96.5059)

Have a look what the booklet for
XYZ(86.6683, 95.9447, 96.5059)
contains.

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Color

**XYZ(86.7481, 95.9884,
96.3936)**

Conversions

Conversions Part 1

Format	Color
Hex	EEFFF0
RGB	238, 255, 240
RGB Percent	93%, 100%, 94%
CMY	0.0667, 0.0000, 0.0588
CMYK	0.07, 0.00, 0.06, 0.00
HSL	127°, 100%, 97%
HSV	127°, 7%, 100%
XYZ	86.7481, 95.9884, 96.3936
YIQ	248.2070, -5.3170, -8.2690

Conversions

Conversions Part 2

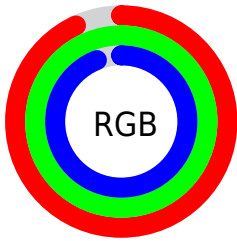
Format	Color
R_{YB}	238, 253, 255
Decimal	15663088
CIE Lab	98.43, -8.22, 5.25
CIE LCh	98, 9.753, 147.442
Yxy	95.9884, 0.3108, 0.3439
Android (android.graphics.Color)	4293853168 (0xFFEEFF0)
YUV	248.2070, -4.0461, -8.9515
Hunter-Lab	97.9737, -13.4060, 10.2478

Details

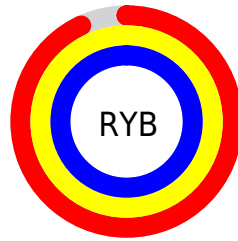
The XYZ color **86.7481, 95.9884, 96.3936** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **89.5446, 89.5019, 105.4845**, and the grayscale version is **89.4271, 94.0843, 102.4578**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **48.1372, 53.7939, 53.1936** is the 20% darker color. If you saturate the color by 10%, you get **75.6461, 90.6277, 79.4947**, and if you desaturate by 10%, it is **95.0500, 100.0000, 108.9000**.

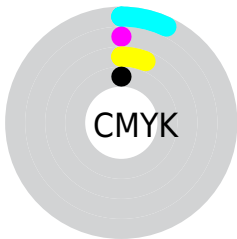
Distribution



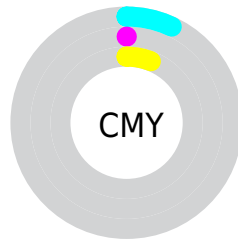
- Red (93%)
- Green (100%)
- Blue (94%)



- Red (93%)
- Yellow (99%)
- Blue (100%)



- Cyan (7%)
- Magenta (0%)
- Yellow (6%)
- Black (0%)




- Cyan (7%)
- Magenta (0%)
- Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 86.7481, 95.9884, 96.3936 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 86.7481, 95.9884, 96.3936 by changing the saturation by 10% instead.

 86.7481, 95.9884,
96.3936

 86.7481, 95.9884,
96.3936

505.7917,
547.3244, 569.7148

 65.6141, 72.9579,
72.6921


141.7144,
155.6294, 158.2006

 48.2258, 53.9415,
53.2340


176.2775,
193.0087, 197.1432

 34.2177, 38.5549,
37.6006


216.0476,
235.9397, 242.0033

 23.2246, 26.4137,
25.3734

261.3902,
284.8069, 293.1995

 14.8810, 17.1334,
16.1339

312.6705,
339.9945, 351.1501

 8.8217, 10.3296,
9.4636

370.2540,

 4.6812, 5.6180,

401.8870, 416.2739

4.9439

434.5059,
470.8689, 488.9892

■ 2.0943, 2.6143,
2.1562

■ 0.6861, 0.9338,
0.6489

■ 86.7481, 95.9884,
96.3936

■ 86.7481, 95.9884,
96.3936

■ 75.6461, 90.6277,
79.4947

95.0500, 100.0000,
108.9000

■ 66.1046, 86.0253,
64.7520

■ 58.0541, 82.1472,
52.0800

■ 51.4190, 78.9565,
41.3859

■ 46.1168, 76.4128,
32.5701

■ 42.0565, 74.4714,
25.5238

■ 39.1358, 73.0821,
20.1275

■ 37.2355, 72.1864,
16.2467

■ 36.2084, 71.7116,
13.7256

Harmonies

Analogous

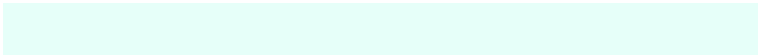
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.7626, 95.9884, 91.3538



86.7481, 95.9884, 96.3936



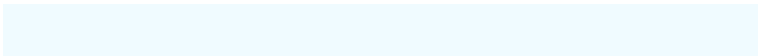
85.9335, 95.9884, 103.8248

Triad

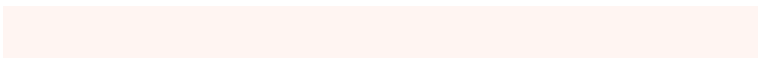
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



86.7481, 95.9884, 96.3936



90.9927, 95.9884, 120.7769



96.1220, 95.9884, 97.5334

Complementary

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



86.7481, 95.9884, 96.3936



89.5446, 89.5019, 105.4845

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.



96.7483, 95.9884, 105.2084



86.7481, 95.9884, 96.3936



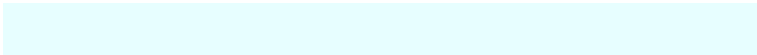
93.7511, 95.9884, 118.8833

Square

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



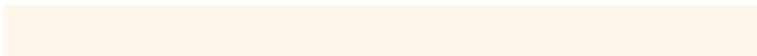
86.7481, 95.9884, 96.3936



88.3524, 95.9884, 118.1310



95.8721, 95.9884, 113.0803



94.1778, 95.9884, 91.9877

Rectangle

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



86.7481, 95.9884, 96.3936



86.1676, 95.9884, 109.2301



95.8721, 95.9884, 113.0803



96.4954, 95.9884, 99.9376

Sweetspot

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



86.7489, 95.9888, 96.3951



92.4824, 98.7591, 105.0422



91.7070, 98.5790, 95.0844



19.8219, 21.1515, 22.5238



0.0000, 0.0000, 0.0000



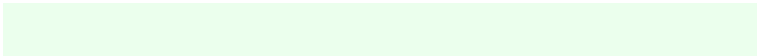
20.3446, 21.4041, 23.3091

Same Dimension

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



86.7489, 95.9888, 96.3951



85.1751, 95.2286, 94.0128



88.0390, 96.5048, 103.1883



17.8585, 20.2029, 19.5577



18.8351, 37.4306, 7.0169



1.8604, 3.6551, 0.8229

Inverse Universe

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



89.5446, 89.5019, 105.4845



88.4998, 87.5142, 104.8219



88.2229, 88.9732, 98.5244



18.6952, 18.2614, 22.2780



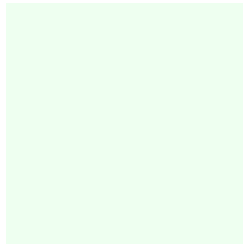
28.6864, 13.9638, 38.5945



2.8180, 1.3696, 3.8892

Previews

White Background



This preview shows how the XYZ color 86.7481, 95.9884, 96.3936 looks on a white background.

Color Contrast Check

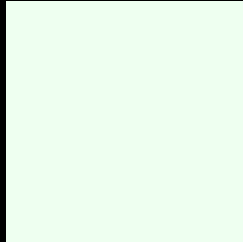
Large Text (above 18pt) WCAG AA × Fail

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 86.7481, 95.9884, 96.3936 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

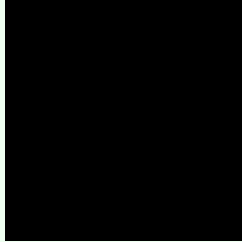
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

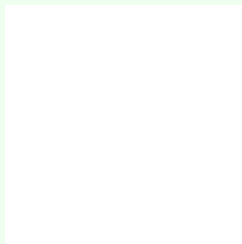
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 86.7481, 95.9884, 96.3936

Background



This preview shows how black text looks on a background with the XYZ color 86.7481, 95.9884, 96.3936.



This preview shows how white text looks on a background with the XYZ color 86.7481, 95.9884,

96.3 36.

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

86.7481, 95.9884, 96.3936



Protanopia

91.4526, 96.0420, 97.7223

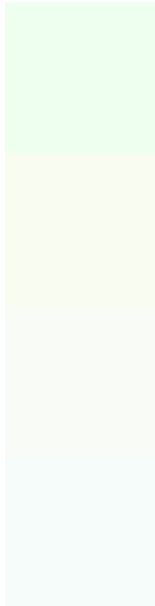
Deuteranopia

92.2146, 95.8509, 103.2634

Tritanopia

91.3025, 95.7310, 108.2735

Trichromacy



Original Color

86.7481, 95.9884, 96.3936

Protanomaly

89.7545, 96.1114, 97.0399

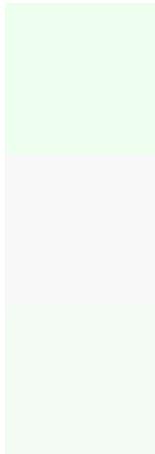
Deuteranomaly

90.1987, 95.7879, 100.9237

Tritanomaly

89.7219, 95.9354, 104.2310

Monochromacy



Original Color

86.7481, 95.9884, 96.3936

Achromatopsia

89.2221, 93.8686, 102.2229

Achromatomaly

88.2868, 94.8200, 100.0351

CSS Examples

Text

The CSS property to change the color of the text to XYZ 86.7481, 95.9884, 96.3936 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, 255, 240)` looks like.

```
.text, #text, p{  
    color:rgb(238, 255, 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(238, 255, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 255, 240) }
```

Border

The CSS property to change the border of an element to XYZ 86.7481, 95.9884, 96.3936 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, 255, 240) }
```


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

```
.border{ border-color:rgb(238, 255, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 255, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 255, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 255, 240);  
box-shadow:4px 4px 4px 4px rgb(238, 255,  
240) }
```

Background

The CSS property to change the background color of an element to XYZ 86.7481, 95.9884, 96.3936 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 255, 240) }
```

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

```
.background{ background-color: rgb(238,  
255, 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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