

Converting Colors

XYZ(87.4927, 95.7594,
108.4798)

Have a look what the booklet for
XYZ(87.4927, 95.7594, 108.4798)
contains.

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Color

**XYZ(87.4235, 95.5960,
108.4519)**

Conversions

Conversions Part 1

Format	Color
Hex	EAFEFF
RGB	234, 254, 255
RGB Percent	92%, 100%, 100%
CMY	0.0823, 0.0039, 0.0000
CMYK	0.08, 0.00, 0.00, 0.00
HSL	183°, 100%, 96%
HSV	183°, 8%, 100%
XYZ	87.4235, 95.5960, 108.4519
YIQ	248.1340, -12.2410, -3.9290

Conversions

Conversions Part 2

Format	Color
R _Y B	234, 244, 255
Decimal	15400703
CIE Lab	98.27, -6.29, -2.72
CIE LCh	98, 6.853, 203.348
Yxy	95.5960, 0.2999, 0.3280
Android (android.graphics.Color)	4293590783 (0xFFEAFEFF)
YUV	248.1340, 3.3849, -12.3955
Hunter-Lab	97.7732, -11.4981, 2.6756

Details

The XYZ color **87.4235, 95.5960, 108.4519** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **85.7990, 86.6154, 90.0399**, and the grayscale version is **89.3152, 93.9665, 102.3296**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **48.5194, 53.4747, 61.1905** is the 20% darker color. If you saturate the color by 10%, you get **79.2653, 90.8258, 107.9611**, and if you desaturate by 10%, it is **95.0500, 100.0000, 108.9000**.

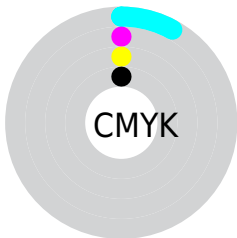
Distribution



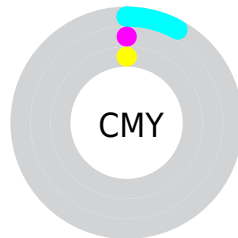
- Red (92%)
- Green (100%)
- Blue (100%)



- Red (92%)
- Yellow (96%)
- Blue (100%)



- Cyan (8%)
- Magenta (0%)
- Yellow (0%)
- Black (0%)



- Cyan (8%)
- Magenta (0%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 87.4235, 95.5960, 108.4519 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 87.4235, 95.5960, 108.4519 by changing the saturation by 10% instead.

87.4235, 95.5960,
108.4519

87.4235, 95.5960,
108.4519

507.9772,
546.0713, 608.4402

66.1749, 72.6311,
82.7214

142.6509,
155.0877, 174.8773

48.6827, 53.6744,
61.4211

177.3605,
192.3834, 216.4093

34.5813, 38.3414,
44.1323

217.2877,
235.2248, 264.0456

23.5055, 26.2478,
30.4366

262.7981,
283.9963, 318.2047

15.0900, 17.0091,
19.9154

314.2568,
339.0823, 379.3052

8.9693, 10.2410,
12.1501

372.0294,

4.7781, 5.5590,

400.8672, 447.7656

6.7222

436.4810,
469.7354, 524.0044

■ 2.1511, 2.5788,
3.2132

■ 0.7168, 0.9160,
1.2045

■ 87.4235, 95.5960,
108.4519

■ 87.4235, 95.5960,
108.4519

■ 79.2653, 90.8258,
107.9611

95.0500, 100.0000,
108.9000

■ 72.2608, 86.6512,
107.5245

■ 66.3574, 83.0478,
107.1402

■ 61.4957, 79.9851,
106.8052

■ 57.6110, 77.4295,
106.5167

■ 54.6307, 75.3438,
106.2712

■ 52.4727, 73.6855,
106.0649

■ 51.0397, 72.4045,
105.8931

■ 50.1977, 71.4317,
105.7497

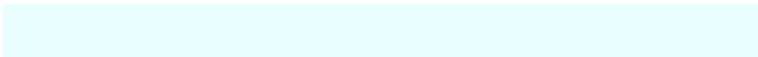
Harmonies

Analogous

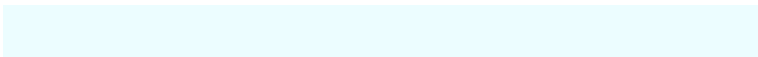
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



87.1460, 95.5960, 102.8347



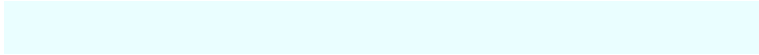
87.4235, 95.5960, 108.4519



88.6160, 95.5960, 113.0470

Triad

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



87.4235, 95.5960, 108.4519



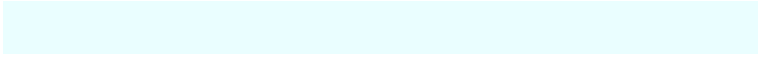
93.9378, 95.5960, 110.7071



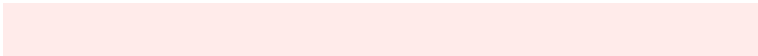
91.3012, 95.5960, 93.6680

Complementary

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



87.4235, 95.5960, 108.4519



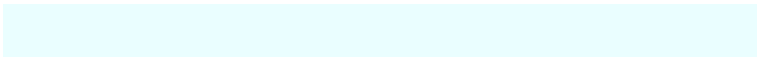
85.7990, 86.6154, 90.0399

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.



93.1439, 95.5960, 95.6149



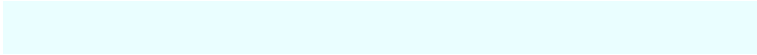
87.4235, 95.5960, 108.4519



94.6804, 95.5960, 105.3510

Square

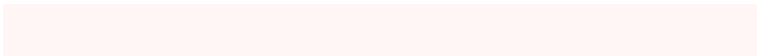
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



87.4235, 95.5960, 108.4519



92.3724, 95.5960, 114.3816



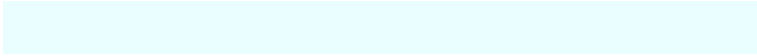
94.3877, 95.5960, 99.8424



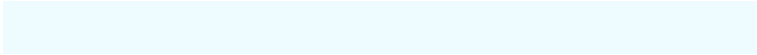
89.3664, 95.5960, 94.4309

Rectangle

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



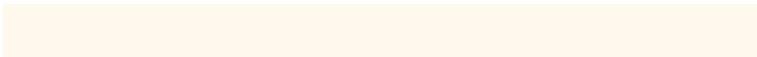
87.4235, 95.5960, 108.4519



89.7787, 95.5960, 114.8442



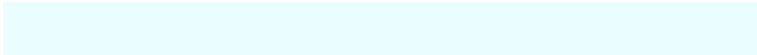
94.3877, 95.5960, 99.8424



91.9522, 95.5960, 94.0249

Sweetspot

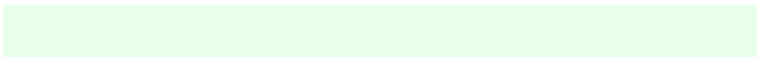
The Sweet Spot groups the original color and five complimentary colors.



87.4260, 95.5999, 108.4525



93.1215, 98.8915, 108.7877



84.6448, 94.9937, 92.2462



19.9520, 21.1785, 23.2862



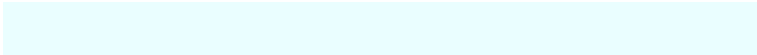
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

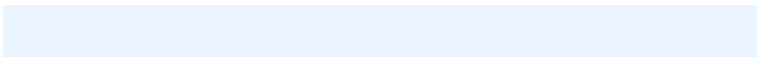
The Same Dimension uses a secret algorithm to generate beautiful new colors.



87.4260, 95.5999, 108.4525



85.8988, 94.7122, 108.3617



84.2733, 89.2946, 107.4016



18.4768, 20.3252, 23.1993



26.1988, 37.3073, 55.2548



2.5727, 3.6761, 5.3872

Inverse Universe

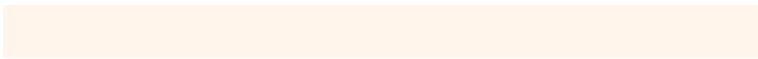
The Inverse Universe completely reimagines the original color for something new.



88.5537, 87.2630, 105.9467



87.2540, 84.7182, 105.3451



88.8049, 92.6271, 91.0418



18.7533, 18.2846, 22.5841



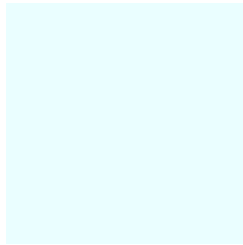
30.0122, 14.4942, 45.5760



2.9332, 1.4157, 4.4956

Previews

White Background



This preview shows how the XYZ color 87.4235, 95.5960, 108.4519 looks on a white background.

Color Contrast Check

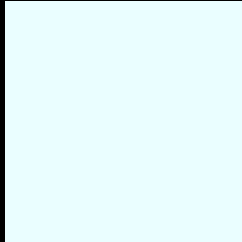
Large Text (above 18pt) WCAG AA × Fail

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 87.4235, 95.5960, 108.4519 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 87.4235, 95.5960, 108.4519

Background



This preview shows how black text looks on a background with the XYZ color 87.4235, 95.5960, 108.4519.



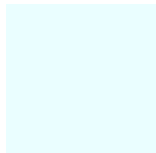
This preview shows how white text looks on a background with the XYZ color 87.4235, 95.5960,

108.619.

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

87.4235, 95.5960, 108.4519



Protanopia

91.6461, 95.0457, 105.6109

Deuteranopia

92.3781, 95.4231, 105.6451

Tritanopia

90.5934, 95.3654, 108.2403

Trichromacy



Original Color

87.4235, 95.5960, 108.4519

Protanomaly

89.9213, 95.0559, 106.5368

Deuteranomaly

90.2730, 95.2372, 106.5532

Tritanomaly

89.1651, 95.0916, 108.2628

Monochromacy



Original Color

87.4235, 95.5960, 108.4519

Achromatopsia

89.2221, 93.8686, 102.2229

Achromatomaly

88.5603, 94.3909, 104.8184

CSS Examples

Text

The CSS property to change the color of the text to XYZ 87.4235, 95.5960, 108.4519 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(234, 254, 255)` looks like.

```
.text, #text, p{  
    color:rgb(234, 254, 255)  
}
```

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(234, 254, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 254, 255) }
```

Border

The CSS property to change the border of an element to XYZ 87.4235, 95.5960, 108.4519 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(234, 254, 255) }
```


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

```
.border{ border-color:rgb(234, 254, 255) }
```

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

Here you see how a box with a 4 pixel rgb(234, 254, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 254, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 254, 255);  
box-shadow:4px 4px 4px 4px rgb(234, 254,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 87.4235, 95.5960, 108.4519 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 254, 255) }
```

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

```
.background{ background-color: rgb(234,  
254, 255) }
```

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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