

Converting Colors

XYZ(84.5343, 86.9366,
106.9327)

Have a look what the booklet for
XYZ(84.5343, 86.9366, 106.9327)
contains.

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Color

**XYZ(84.5597, 86.8943,
106.9233)**

Conversions

Conversions Part 1

Format	Color
Hex	F0EEFF
RGB	240, 238, 255
RGB Percent	94%, 93%, 100%
CMY	0.0588, 0.0666, 0.0000
CMYK	0.06, 0.07, 0.00, 0.00
HSL	247°, 100%, 97%
HSV	247°, 7%, 100%
XYZ	84.5597, 86.8943, 106.9233
YIQ	240.5360, -4.2650, 5.7110

Conversions

Conversions Part 2

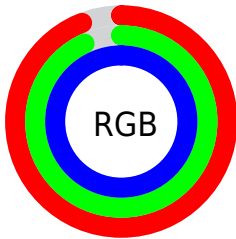
Format	Color
R _Y B	240, 238, 255
Decimal	15789823
CIE _{Lab}	94.69, 3.76, -7.94
CIE _{LCh}	95, 8.788, 295.348
Y _{xy}	86.8943, 0.3038, 0.3121
Android (android.graphics.Color)	4293979903 (0xFFFF0EEFF)
Y _{UV}	240.5360, 7.1308, -0.4701
Hunter-Lab	93.2171, -1.2079, -2.7557

Details

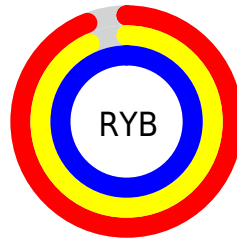
The XYZ color **84.5597, 86.8943, 106.9233** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **91.7028, 98.5767, 95.0871**, and the grayscale version is **83.1947, 87.5273, 95.3172**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.6882, 47.7235, 60.1769** is the 20% darker color. If you saturate the color by 10%, you get **70.4834, 69.3882, 104.2861**, and if you desaturate by 10%, it is **95.0500, 100.0000, 108.9000**.

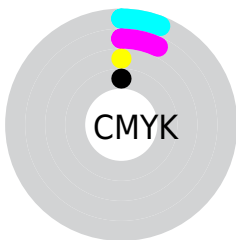
Distribution



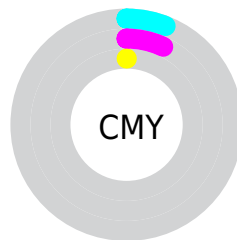
- Red (94%)
- Green (93%)
- Blue (100%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 84.5597, 86.8943, 106.9233 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 84.5597, 86.8943, 106.9233 by changing the saturation by 10% instead.

84.5597, 86.8943,
106.9233

84.5597, 86.8943,
106.9233

498.6756,
517.8755, 603.6039

63.7989, 65.4077,
81.4459

138.6751,
143.0168, 172.7739

46.7489, 47.7918,
60.3758

172.7603,
178.4215, 213.9842

33.0443, 33.6620,
43.2943

212.0178,
219.2344, 261.2758

22.3198, 22.6341,
29.7830

256.8128,
265.8399, 315.0674

14.2100, 14.3235,
19.4233

307.5108,
318.6224, 375.7775

8.3495, 8.3460,
11.7966

364.4770,

4.3731, 4.3172,

377.9662, 443.8246

6.4845

428.0768,
444.2558, 519.6272

■ 1.9153, 1.8525,
3.0683

■ 0.5857, 0.5196,
1.1296

■ 84.5597, 86.8943,
106.9233

■ 84.5597, 86.8943,
106.9233

■ 70.4834, 69.3882,
104.2861

95.0500, 100.0000,
108.9000

■ 58.3254, 54.3642,
102.0270

■ 48.0041, 41.7128,
100.1290

■ 39.4297, 31.3124,
98.5735

■ 32.5047, 23.0302,
97.3398

■ 27.1217, 16.7196,
96.4055

■ 23.1608, 12.2152,
95.7448

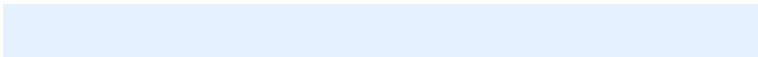
■ 20.4836, 9.3240,
95.3278

■ 18.9220, 7.8066,
95.1173

Harmonies

Analogous

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



82.2209, 86.8943, 108.2473



84.5597, 86.8943, 106.9233



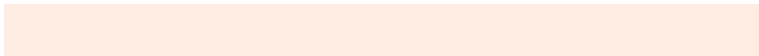
86.4018, 86.8943, 102.2409

Triad

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



84.5597, 86.8943, 106.9233



85.2126, 86.8943, 84.2634



78.1247, 86.8943, 93.5571

Complementary

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



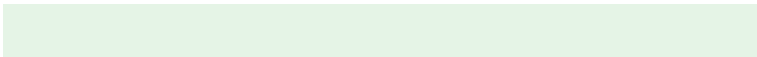
84.5597, 86.8943, 106.9233



91.7028, 98.5767, 95.0871

Split Complementary

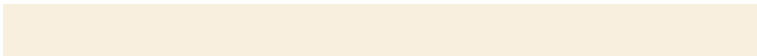
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



78.8928, 86.8943, 87.3745



84.5597, 86.8943, 106.9233



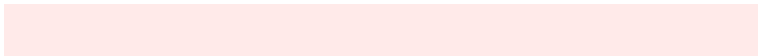
82.9611, 86.8943, 82.1747

Square

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



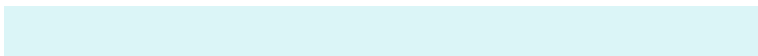
84.5597, 86.8943, 106.9233



86.7838, 86.8943, 89.1271



80.6520, 86.8943, 83.2860



78.5344, 86.8943, 100.3198

Rectangle

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



84.5597, 86.8943, 106.9233



87.0849, 86.8943, 97.9578



80.6520, 86.8943, 83.2860



78.2533, 86.8943, 91.3455

Sweetspot

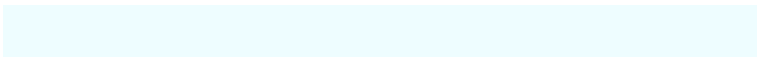
The Sweet Spot groups the original color and five complimentary colors.



84.5620, 86.8979, 106.9238



91.8080, 95.9454, 108.2883



88.4425, 95.6596, 108.4105



19.6847, 20.5787, 23.1845



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.



84.5620, 86.8979, 106.9238



82.5678, 84.4118, 106.5491



87.5099, 88.4176, 107.0618



17.2011, 17.4799, 22.7173



9.7728, 3.9485, 49.6816



1.0121, 0.4157, 4.8402

Inverse Universe

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



89.5463, 89.5044, 105.4880



88.5004, 87.5145, 104.8252



88.6824, 97.0196, 94.9458



18.6954, 18.2615, 22.2789



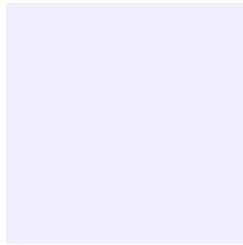
28.6899, 13.9652, 38.6129



2.8183, 1.3697, 3.8908

Previews

White Background



This preview shows how the XYZ color 84.5597, 86.8943, 106.9233 looks on a white background.

Color Contrast Check

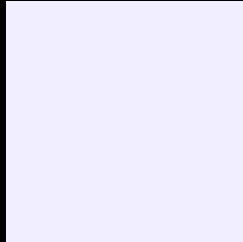
Large Text (above 18pt) WCAG AA × Fail

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 84.5597, 86.8943, 106.9233 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

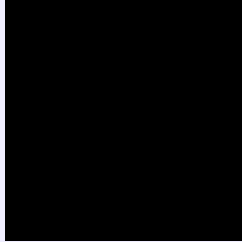
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 84.5597, 86.8943, 106.9233

Background



This preview shows how black text looks on a background with the XYZ color 84.5597, 86.8943, 106.9233.



This preview shows how white text looks on a background with the XYZ color 84.5597, 86.8943,

106.9233.

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

84.5597, 86.8943, 106.9233

Protanopia

84.2211, 86.7198, 106.9074

Deuteranopia

88.0620, 86.5687, 106.6758



Tritanopia

84.5597, 86.8943, 106.9233

Trichromacy



Original Color

84.5597, 86.8943, 106.9233

Protanomaly

84.2211, 86.7198, 106.9074

Deuteranomaly

86.8253, 86.7764, 106.7811

Tritanomaly

84.5597, 86.8943, 106.9233

Monochromacy



Original Color

84.5597, 86.8943, 106.9233

Achromatopsia

83.6081, 87.9622, 95.7909

Achromatomaly

84.0703, 87.6748, 99.6807

CSS Examples

Text

The CSS property to change the color of the text to XYZ 84.5597, 86.8943, 106.9233 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(240, 238, 255) looks like.

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

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

Border

The CSS property to change the border of an element to XYZ 84.5597, 86.8943, 106.9233 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(240, 238, 255) }
```


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

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

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

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

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

Background

The CSS property to change the background color of an element to XYZ 84.5597, 86.8943, 106.9233 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

```
.background{ background-color: rgb(240,  
238, 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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