

Converting Colors

XYZ(90.9937, 95.1734,
140.1294)

Have a look what the booklet for
XYZ(90.9937, 95.1734, 140.1294)
contains.

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Color

**XYZ(84.8603, 92.8724,
108.0613)**

Conversions

Conversions Part 1

Format	Color
Hex	E5FBFF
RGB	229, 251, 255
RGB Percent	90%, 98%, 100%
CMY	0.1020, 0.0157, 0.0000
CMYK	0.10, 0.02, 0.00, 0.00
HSL	189°, 100%, 95%
HSV	189°, 10%, 100%
XYZ	84.8603, 92.8724, 108.0613
YIQ	244.8780, -14.3960, -3.4200

Conversions

Conversions Part 2

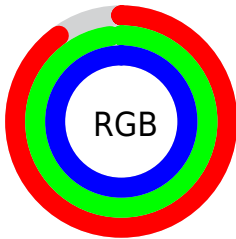
Format	Color
R _Y B	229, 241, 255
Decimal	15072255
CIE Lab	97.18, -6.37, -4.36
CIE LCh	97, 7.721, 214.427
Yxy	92.8724, 0.2969, 0.3250
Android (android.graphics.Color)	4293262335 (0xFFE5FBFF)
YUV	244.8780, 4.9901, -13.9250
Hunter-Lab	96.3703, -11.4673, 0.9766

Details

The XYZ color **84.8603, 92.8724, 108.0613** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **84.5211, 85.1932, 86.1195**, and the grayscale version is **86.6646, 91.1779, 99.2927**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.7184, 51.5450, 60.9129** is the 20% darker color. If you saturate the color by 10%, you get **76.1031, 86.5622, 107.3049**, and if you desaturate by 10%, it is **94.8427, 99.8569, 108.8833**.

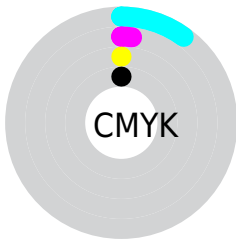
Distribution



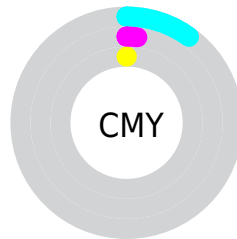
- Red (90%)
- Green (98%)
- Blue (100%)



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



- Cyan (10%)
- Magenta (2%)
- Yellow (0%)
- Black (0%)




- Cyan (10%)
- Magenta (2%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 84.8603, 92.8724, 108.0613 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 84.8603, 92.8724, 108.0613 by changing the saturation by 10% instead.


 84.8603, 92.8724,
108.0613

 84.8603, 92.8724,
108.0613


499.6563,
537.3310, 607.2063

 64.0481, 70.3655,
82.3954


139.0930,
151.3219, 174.3401

 46.9514, 51.8245,
61.1538


173.2442,
188.0333, 215.7901

 33.2050, 36.8652,
43.9179

212.5724,
230.2483, 263.3385

 22.4436, 25.1032,
30.2693

257.4430,
278.3513, 317.4039

 14.3016, 16.1539,
19.7893

308.2213,
332.7266, 378.4049

 8.4138, 9.6331,
12.0594

365.2728,

 4.4149, 5.1564,

393.7588, 446.7599

6.6611

428.9626,
461.8321, 522.8875

■ 1.9394, 2.3393,
3.1759

■ 0.5996, 0.7944,
1.1851

■ 84.8603, 92.8724,
108.0613

■ 84.8603, 92.8724,
108.0613

■ 76.1031, 86.5622,
107.3049

94.8427, 99.8569,
108.8833

■ 68.5120, 80.8879,
106.6097

95.0500, 100.0000,
108.9000

■ 62.0333, 75.8244,
105.9738

■ 56.6066, 71.3400,
105.3943

■ 52.1656, 67.4005,
104.8679

■ 48.6360, 63.9673,
104.3913

■ 45.9331, 60.9965,
103.9603

■ 43.9554, 58.4356,
103.5703

■ 42.5598, 56.2396,
103.2199

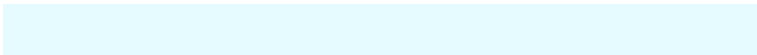
Harmonies

Analogous

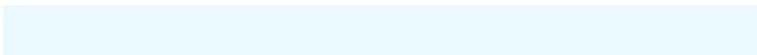
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



84.1594, 92.8724, 102.0516



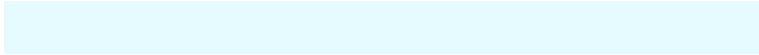
84.8603, 92.8724, 108.0613



86.4756, 92.8724, 112.3406

Triad

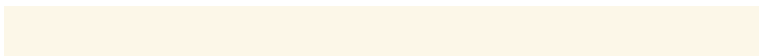
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



84.8603, 92.8724, 108.0613



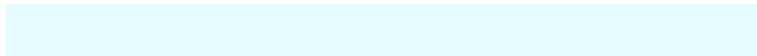
92.1073, 92.8724, 106.3925



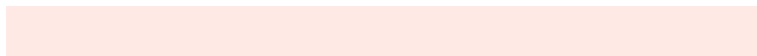
87.9493, 92.8724, 89.6208

Complementary

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



84.8603, 92.8724, 108.0613



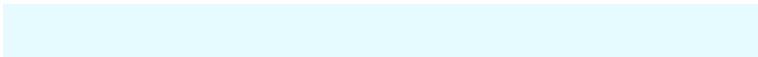
84.5211, 85.1932, 86.1195

Split Complementary

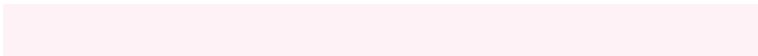
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



90.0940, 92.8724, 90.6768



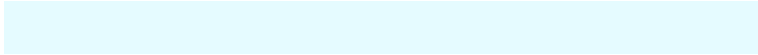
84.8603, 92.8724, 108.0613



92.5174, 92.8724, 100.1985

Square

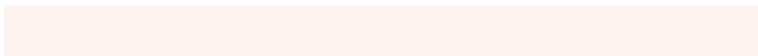
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



84.8603, 92.8724, 108.0613



90.6632, 92.8724, 111.3497



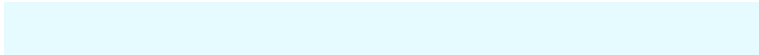
91.7748, 92.8724, 94.4868



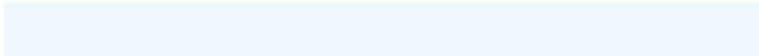
85.9241, 92.8724, 91.5411

Rectangle

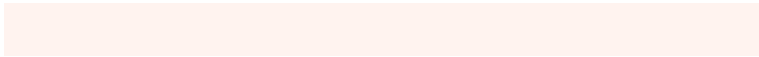
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



84.8603, 92.8724, 108.0613



87.8661, 92.8724, 113.5453



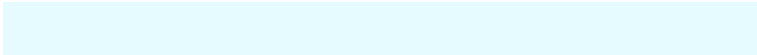
91.7748, 92.8724, 94.4868



88.6801, 92.8724, 89.6401

Sweetspot

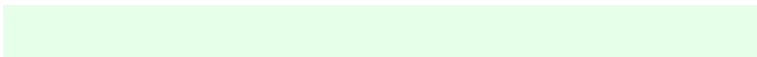
The Sweet Spot groups the original color and five complimentary colors.



84.8627, 92.8762, 108.0619



91.9175, 97.8302, 108.6463



82.7678, 94.0560, 90.8096



19.4990, 20.8178, 23.2405



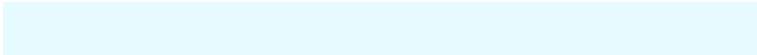
0.0000, 0.0000, 0.0000



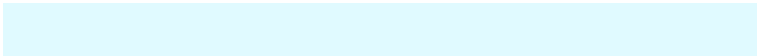
20.3446, 21.4041, 23.3091

Same Dimension

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



84.8627, 92.8762, 108.0619



83.1930, 91.6881, 107.9206



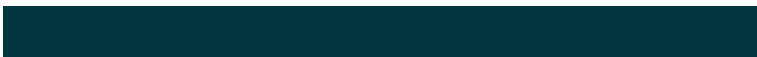
80.9679, 85.0865, 106.7636



18.3031, 19.9779, 23.1414



22.3281, 29.5657, 53.9645



2.2354, 3.0015, 5.2748

Inverse Universe

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



86.6734, 84.2652, 102.9680



85.3055, 81.7074, 101.9630



88.3088, 92.7684, 87.3821



18.6657, 18.2496, 22.1225



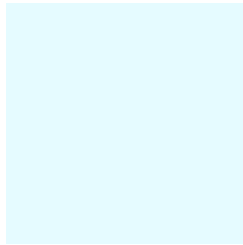
28.0584, 13.7126, 35.2875



2.7629, 1.3475, 3.5990

Previews

White Background



This preview shows how the XYZ color 84.8603, 92.8724, 108.0613 looks on a white background.

Color Contrast Check

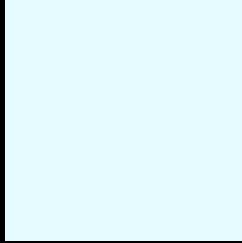
Large Text (above 18pt) WCAG AA × Fail

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 84.8603, 92.8724, 108.0613 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

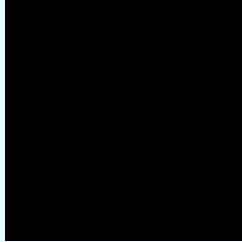
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 84.8603, 92.8724, 108.0613

Background



This preview shows how black text looks on a background with the XYZ color 84.8603, 92.8724, 108.0613.

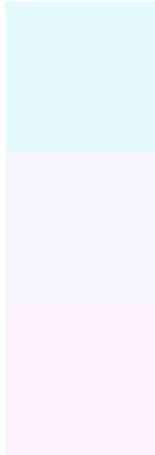


This preview shows how white text looks on a background with the XYZ color 84.8603, 92.8724,

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

84.8603, 92.8724, 108.0613

Protanopia

89.2900, 92.4728, 105.2384

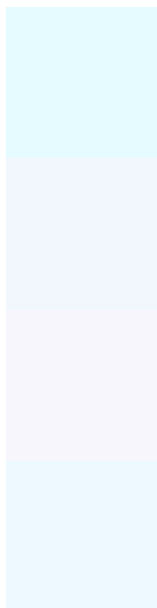
Deuteranopia

90.7032, 92.3262, 104.3070

Tritanopia

87.5864, 92.4423, 107.8346

Trichromacy



Original Color

84.8603, 92.8724, 108.0613

Protanomaly

87.6083, 92.4906, 106.1635

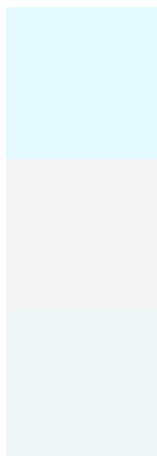
Deuteranomaly

88.5325, 92.5326, 105.2899

Tritanomaly

86.5425, 92.3593, 107.8736

Monochromacy



Original Color

84.8603, 92.8724, 108.0613

Achromatopsia

86.7900, 91.3099, 99.4364

Achromatomaly

85.9563, 91.7118, 102.7943

CSS Examples

Text

The CSS property to change the color of the text to XYZ 84.8603, 92.8724, 108.0613 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(229, 251, 255)` looks like.

```
.text, #text, p{  
    color:rgb(229, 251, 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(229, 251, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 251, 255) }
```

Border

The CSS property to change the border of an element to XYZ 84.8603, 92.8724, 108.0613 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(229, 251, 255) }
```


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

```
.border{ border-color:rgb(229, 251, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 251, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 251, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 251, 255);  
box-shadow:4px 4px 4px 4px rgb(229, 251,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 84.8603, 92.8724, 108.0613 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 251, 255) }
```

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

```
.background{ background-color: rgb(229,  
251, 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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