

Converting Colors

XYZ(84.6534, 92.9443,
104.7051)

Have a look what the booklet for
XYZ(84.6534, 92.9443, 104.7051)
contains.

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Color

**XYZ(84.5429, 92.7824,
104.7197)**

Conversions

Conversions Part 1

Format	Color
Hex	E6FBFB
RGB	230, 251, 251
RGB Percent	90%, 98%, 98%
CMY	0.0980, 0.0157, 0.0157
CMYK	0.08, 0.00, 0.00, 0.02
HSL	180°, 72%, 94%
HSV	180°, 8%, 98%
XYZ	84.5429, 92.7824, 104.7197
YIQ	244.7210, -12.5160, -4.4520

Conversions

Conversions Part 2

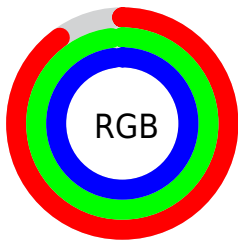
Format	Color
R _Y B	230, 241, 251
Decimal	15137787
CIE Lab	97.14, -6.81, -2.35
CIE LCh	97, 7.206, 199.035
Yxy	92.7824, 0.2997, 0.3290
Android (android.graphics.Color)	4293327867 (0xFFE6FBFB)
YUV	244.7210, 3.0955, -12.9103
Hunter-Lab	96.3236, -11.8975, 2.9685

Details

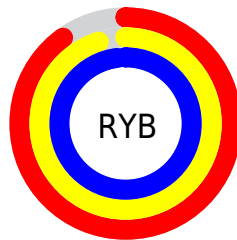
The XYZ color **84.5429, 92.7824, 104.7197** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **82.3668, 82.8185, 86.5116**, and the grayscale version is **86.5523, 91.0597, 99.1640**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.5977, 51.5224, 59.1186** is the 20% darker color. If you saturate the color by 10%, you get **77.0607, 88.9278, 104.3677**, and if you desaturate by 10%, it is **93.1525, 97.2233, 105.1283**.

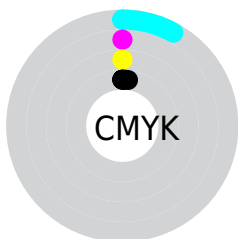
Distribution



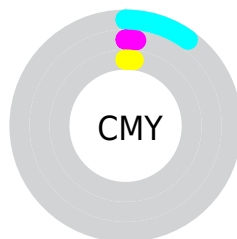
- Red (90%)
- Green (98%)
- Blue (98%)



- Red (90%)
- Yellow (95%)
- Blue (98%)



- Cyan (8%)
- Magenta (0%)
- Yellow (0%)
- Black (2%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 84.5429, 92.7824, 104.7197 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 84.5429, 92.7824, 104.7197 by changing the saturation by 10% instead.

84.5429, 92.7824,
104.7197

84.5429, 92.7824,
104.7197

498.6208,
537.0409, 596.5962

63.7850, 70.2907,
79.6092

138.6517,
151.1973, 169.7364

46.7376, 51.7635,
58.8725

172.7333,
187.8893, 210.4796

33.0353, 36.8166,
42.0912

211.9868,
230.0834, 257.2709

22.3129, 25.0655,
28.8466

256.7776,
278.1642, 310.5287

14.2049, 16.1259,
18.7202

307.4710,
332.5159, 370.6716

8.3459, 9.6133,
11.2935

364.4325,

4.3708, 5.1433,

393.5230, 438.1182

6.1480

428.0273,
461.5699, 513.2868

■ 1.9139, 2.3316,
2.8650

■ 0.5849, 0.7904,
1.0261

■ 84.5429, 92.7824,
104.7197

■ 84.5429, 92.7824,
104.7197

■ 77.0607, 88.9278,
104.3677

■ 93.1525, 97.2233,
105.1283

■ 70.6864, 85.6418,
104.0657

■ 93.1532, 97.2236,
105.1321

■ 65.3698, 82.9011,
103.8131

■ 93.1539, 97.2238,
105.1358

■ 61.0536, 80.6761,
103.6074

■ 93.1546, 97.2241,
105.1396

57.6752, 78.9346,
103.4455

93.1554, 97.2244,
105.1434

55.1652, 77.6407,
103.3243

93.1561, 97.2247,
105.1472

53.4441, 76.7535,
103.2400

93.1568, 97.2250,
105.1510

52.4183, 76.2248,
103.1883

93.1575, 97.2253,
105.1547

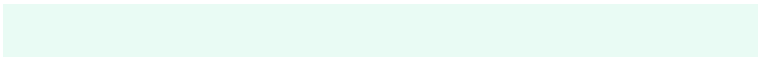
51.9566, 75.9868,
103.1629

93.1582, 97.2256,
105.1585

Harmonies

Analogous

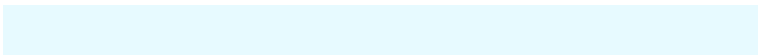
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



84.4046, 92.7824, 98.9097



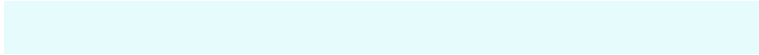
84.5429, 92.7824, 104.7197



85.6488, 92.7824, 109.7160

Triad

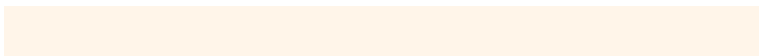
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



84.5429, 92.7824, 104.7197



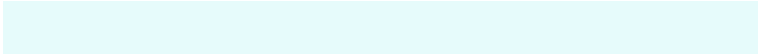
91.1717, 92.7824, 108.5432



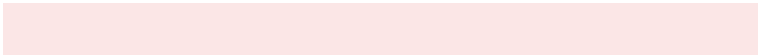
88.9325, 92.7824, 90.4270

Complementary

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



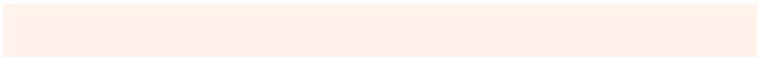
84.5429, 92.7824, 104.7197



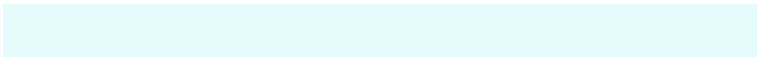
82.3668, 82.8185, 86.5116

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.



90.7746, 92.7824, 92.8042



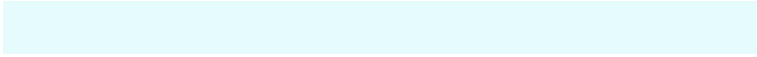
84.5429, 92.7824, 104.7197



92.0806, 92.7824, 103.1688

Square

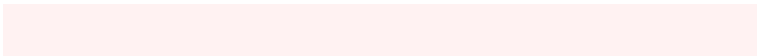
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



84.5429, 92.7824, 104.7197



89.4680, 92.7824, 111.9814



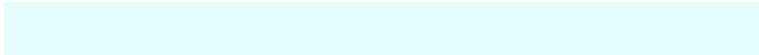
91.9341, 92.7824, 97.4168



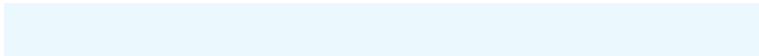
86.9181, 92.7824, 90.8063

Rectangle

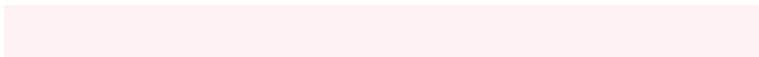
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



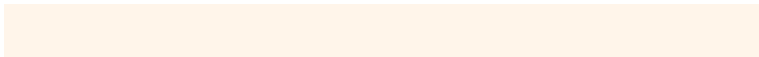
84.5429, 92.7824, 104.7197



86.7956, 92.7824, 111.8432



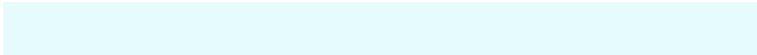
91.9341, 92.7824, 97.4168



89.5930, 92.7824, 90.9265

Sweetspot

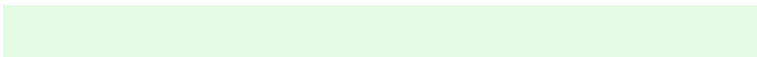
The Sweet Spot groups the original color and five complimentary colors.



84.5456, 92.7863, 104.7218



92.2911, 98.5778, 108.7697



81.5284, 91.5924, 88.2465



19.6003, 21.0204, 23.2739



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

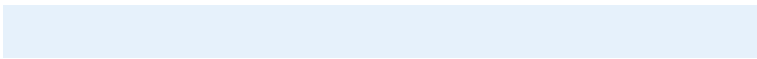
The Same Dimension uses a secret algorithm to generate beautiful new colors.



84.5456, 92.7863, 104.7218



86.2821, 95.4801, 108.4858



81.4593, 86.6128, 103.6960



17.7658, 19.6086, 22.2330



27.2822, 39.9259, 54.2227



2.5268, 3.6978, 5.0222

Inverse Universe

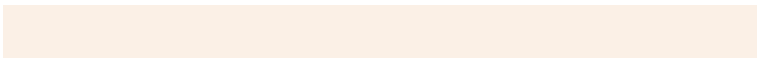
The Inverse Universe completely reimagines the original color for something new.



82.3668, 82.8185, 86.5116



83.6113, 83.2611, 86.1629



85.2742, 88.6343, 87.4781



17.2448, 17.2253, 17.8790



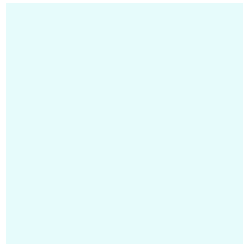
20.9121, 10.7806, 0.9796



1.9369, 0.9985, 0.0910

Previews

White Background



This preview shows how the XYZ color 84.5429, 92.7824, 104.7197 looks on a white background.

Color Contrast Check

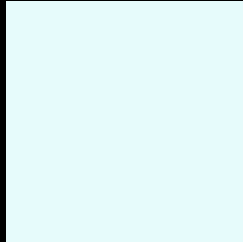
Large Text (above 18pt) WCAG AA × Fail

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 84.5429, 92.7824, 104.7197 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

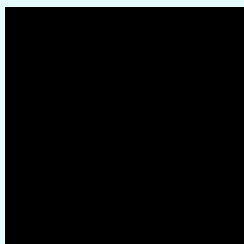
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

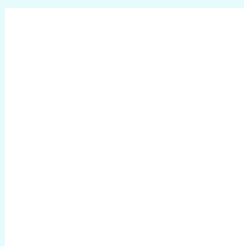
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 84.5429, 92.7824, 104.7197

Background



This preview shows how black text looks on a background with the XYZ color 84.5429, 92.7824, 104.7197.

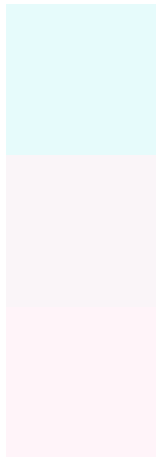


This preview shows how white text looks on a background with the XYZ color 84.5429, 92.7824,

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

84.5429, 92.7824, 104.7197

Protanopia

89.0200, 92.4061, 101.9512

Deuteranopia

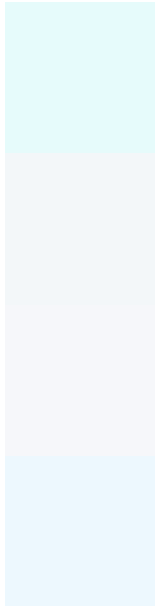
90.6896, 92.8009, 102.7550



Tritanopia

87.5864, 92.4423, 107.8346

Trichromacy



Original Color

84.5429, 92.7824, 104.7197

Protanomaly

87.3218, 92.4158, 102.8582

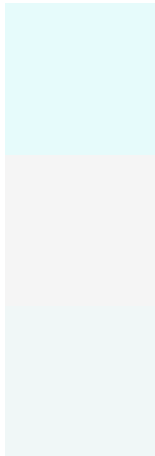
Deuteranomaly

88.5221, 93.0165, 103.7308

Tritanomaly

86.3818, 92.2951, 107.0279

Monochromacy



Original Color

84.5429, 92.7824, 104.7197

Achromatopsia

86.7900, 91.3099, 99.4364

Achromatomaly

85.9844, 91.7622, 101.1757

CSS Examples

Text

The CSS property to change the color of the text to XYZ 84.5429, 92.7824, 104.7197 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, 251, 251)` looks like.

```
.text, #text, p{  
    color:rgb(230, 251, 251)  
}
```

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, 251, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 251, 251) }
```

Border

The CSS property to change the border of an element to XYZ 84.5429, 92.7824, 104.7197 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, 251, 251) }
```


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

```
.border{ border-color:rgb(230, 251, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 251, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 251, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 251, 251);  
box-shadow:4px 4px 4px 4px rgb(230, 251,  
251) }
```

Background

The CSS property to change the background color of an element to XYZ 84.5429, 92.7824, 104.7197 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 251, 251) }
```

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

```
.background{ background-color: rgb(230,  
251, 251) }
```

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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