

Converting Colors

XYZ(67.7437, 82.6888, 92.6258)

Have a look what the booklet for
XYZ(67.7437, 82.6888, 92.6258)
contains.

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Color

**XYZ(67.6029, 82.4597,
92.4740)**

Conversions

Conversions Part 1

Format	Color
Hex	B5F7ED
RGB	181, 247, 237
RGB Percent	71%, 97%, 93%
CMY	0.2902, 0.0314, 0.0706
CMYK	0.27, 0.00, 0.04, 0.03
HSL	171°, 80%, 84%
HSV	171°, 27%, 97%
XYZ	67.6029, 82.4597, 92.4740
YIQ	226.1260, -36.1260, -17.1020

Conversions

Conversions Part 2

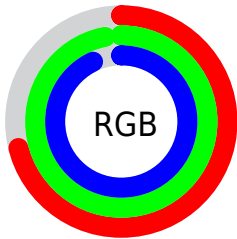
Format	Color
R _Y B	181, 217, 247
Decimal	11925485
CIE Lab	92.78, -22.55, -1.85
CIE LCh	93, 22.625, 184.701
Yxy	82.4597, 0.2787, 0.3400
Android (android.graphics.Color)	4290115565 (0xFFB5F7ED)
YUV	226.1260, 5.3609, -39.5755
Hunter-Lab	90.8073, -26.0258, 3.1869

Details

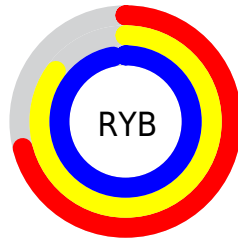
The XYZ color **67.6029, 82.4597, 92.4740** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **64.2885, 56.5858, 56.8274**, and the grayscale version is **72.3629, 76.1315, 82.9072**.

A 20% lighter version of the original color is **89.0699, 96.9171, 108.6201**, and **35.3581, 44.5987, 50.4609** is the 20% darker color. If you saturate the color by 10%, you get **61.7760, 79.5205, 89.3774**, and if you desaturate by 10%, it is **74.4727, 85.9395, 95.6826**.

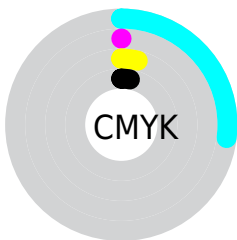
Distribution



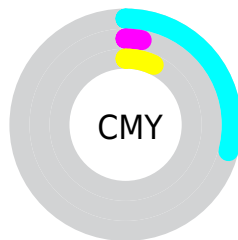
- Red (71%)
- Green (97%)
- Blue (93%)



- Red (71%)
- Yellow (85%)
- Blue (97%)



- Cyan (27%)
- Magenta (0%)
- Yellow (4%)
- Black (3%)



- Cyan (29%)
- Magenta (3%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.6029, 82.4597, 92.4740 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 67.6029, 82.4597, 92.4740 by changing the saturation by 10% instead.

67.6029, 82.4597,
92.4740

67.6029, 82.4597,
92.4740

441.4866,
503.1841, 556.8227

49.8472, 61.7445,
69.4492

114.8289,
136.8185, 152.7356

35.5093, 44.8263,
50.6036

145.0300,
171.2309, 190.8094

24.2238, 31.3206,
35.5187

180.1102,
210.9778, 234.7366

15.6254, 20.8431,
23.7759

220.4350,
256.4436, 284.9358

9.3486, 13.0094,
14.9568

266.3697,
308.0128, 341.8254

5.0282, 7.4350,
8.6428

318.2796,

2.2987, 3.7356,

366.0696, 405.8241

4.4153

376.5301,
430.9986, 477.3503

■ 0.7940, 1.5268,
1.8558

■ 0.0000, 0.3075,
0.4644

■ 67.6029, 82.4597,
92.4740

■ 67.6029, 82.4597,
92.4740

■ 61.7760, 79.5205,
89.3774

■ 74.4727, 85.9395,
95.6826

■ 56.9307, 77.0839,
86.3842

■ 82.4286, 89.9757,
99.0002

■ 53.0099, 75.1225,
83.4932

■ 91.4816, 94.5762,
102.4294

■ 49.9479, 73.6027,
80.7009

■ 92.0691, 94.8112,
105.5232

■ 47.6703, 72.4859,
78.0035

■ 92.5522, 95.0044,
108.0674

■ 46.0898, 71.7272,
75.3965

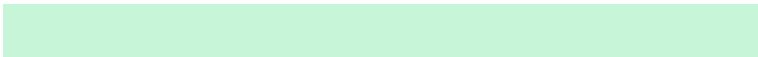
■ 45.0960, 71.2697,
72.8744

■ 44.8415, 71.1561,
72.0631

Harmonies

Analogous

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



68.5588, 82.4597, 76.6022



67.6029, 82.4597, 92.4740



69.4128, 82.4597, 109.5824

Triad

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



67.6029, 82.4597, 92.4740



85.0136, 82.4597, 119.2358



83.3247, 82.4597, 63.4950

Complementary

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



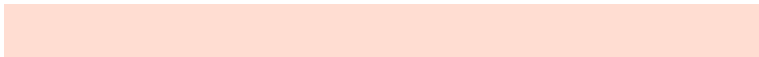
67.6029, 82.4597, 92.4740



64.2885, 56.5858, 56.8274

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.



88.0782, 82.4597, 72.5276



67.6029, 82.4597, 92.4740



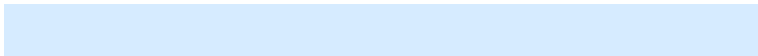
89.0871, 82.4597, 104.3987

Square

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



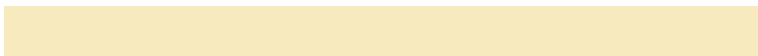
67.6029, 82.4597, 92.4740



79.3090, 82.4597, 126.2185



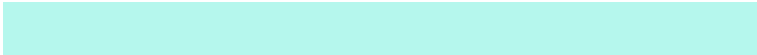
90.2357, 82.4597, 87.1478



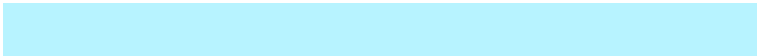
77.4493, 82.4597, 61.1378

Rectangle

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



67.6029, 82.4597, 92.4740



72.0005, 82.4597, 119.0008



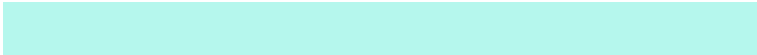
90.2357, 82.4597, 87.1478



85.1161, 82.4597, 65.7904

Sweetspot

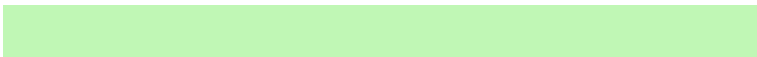
The Sweet Spot groups the original color and five complimentary colors.



67.6053, 82.4631, 92.4759



87.4452, 96.1366, 105.9666



63.3420, 81.0676, 56.0268



18.4296, 20.4314, 22.5650



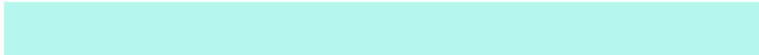
0.0000, 0.0000, 0.0000



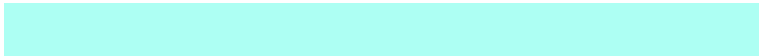
20.3446, 21.4041, 23.3091

Same Dimension

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



67.6053, 82.4631, 92.4759



69.2044, 86.8988, 97.6294



62.7723, 70.3925, 98.2782



16.8824, 18.7121, 20.6652



23.7567, 37.6475, 38.3343



2.1166, 3.3203, 3.5200

Inverse Universe

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



64.2885, 56.5858, 56.8274



65.0986, 54.8360, 53.4780



68.0570, 65.8249, 52.8361



16.6015, 16.5234, 17.6480



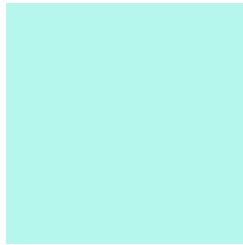
20.4983, 10.5428, 2.0665



1.8317, 0.9386, 0.3399

Previews

White Background



This preview shows how the XYZ color 67.6029, 82.4597, 92.4740 looks on a white background.

Color Contrast Check

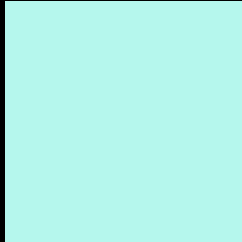
Large Text (above 18pt) WCAG AA × Fail

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 67.6029, 82.4597, 92.4740 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 67.6029, 82.4597, 92.4740

Background



This preview shows how black text looks on a background with the XYZ color 67.6029, 82.4597, 92.4740.



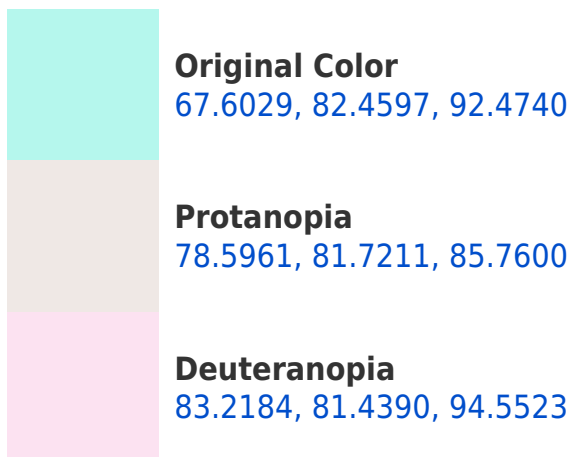
This preview shows how white text looks on a background with the XYZ color 67.6029, 82.4597,

92.4740.

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





Tritanopia

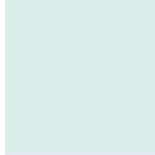
73.5927, 82.5481, 106.6624

Trichromacy



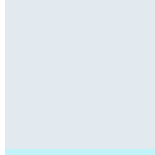
Original Color

67.6029, 82.4597, 92.4740



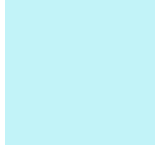
Protanomaly

73.7631, 81.3000, 88.1487



Deuteranomaly

76.5150, 81.3057, 94.0989



Tritanomaly

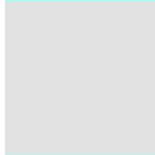
71.2420, 82.3478, 100.9468

Monochromacy



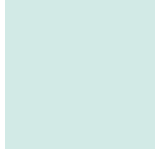
Original Color

67.6029, 82.4597, 92.4740



Achromatopsia

72.2879, 76.0525, 82.8211



Achromatomaly

70.2841, 78.2604, 86.2643

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.6029, 82.4597, 92.4740 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(181, 247, 237)` looks like.

```
.text, #text, p{  
    color:rgb(181, 247, 237)  
}
```

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(181, 247, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 247, 237) }
```

Border

The CSS property to change the border of an element to XYZ 67.6029, 82.4597, 92.4740 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(181, 247, 237) }
```


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

```
.border{ border-color:rgb(181, 247, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 247, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 247, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 247, 237);  
box-shadow:4px 4px 4px 4px rgb(181, 247,  
237) }
```

Background

The CSS property to change the background color of an element to XYZ 67.6029, 82.4597, 92.4740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 247, 237) }
```

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

```
.background{ background-color: rgb(181,  
247, 237) }
```

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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