

Converting Colors

XYZ(63.4819, 68.2881, 94.0394)

Have a look what the booklet for
XYZ(63.4819, 68.2881, 94.0394)
contains.

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Color

**XYZ(63.6067, 68.5432,
93.8821)**

Conversions

Conversions Part 1

Format	Color
Hex	C2DBF2
RGB	194, 219, 242
RGB Percent	76%, 86%, 95%
CMY	0.2392, 0.1412, 0.0510
CMYK	0.20, 0.10, 0.00, 0.05
HSL	209°, 65%, 85%
HSV	209°, 20%, 95%
XYZ	63.6067, 68.5432, 93.8821
YIQ	214.1470, -22.2830, 1.8530

Conversions

Conversions Part 2

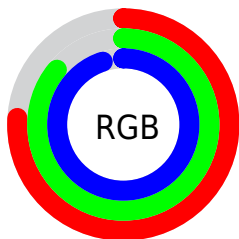
Format	Color
RYB	194, 210, 242
Decimal	12770290
CIELab	86.28, -3.50, -14.02
CIELCh	86, 14.449, 255.962
Yxy	68.5432, 0.2814, 0.3032
Android (android.graphics.Color)	4290960370 (0xFFC2DBF2)
YUV	214.1470, 13.7315, -17.6689
Hunter-Lab	82.7908, -7.7456, -9.2794

Details

The XYZ color **63.6067, 68.5432, 93.8821** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **71.1691, 72.3981, 61.2638**, and the grayscale version is **63.9384, 67.2681, 73.2550**.

A 20% lighter version of the original color is **93.5937, 99.2492, 108.8318**, and **32.9536, 35.6715, 51.6028** is the 20% darker color. If you saturate the color by 10%, you get **54.9744, 59.7595, 92.6428**, and if you desaturate by 10%, it is **73.4652, 78.2753, 95.2421**.

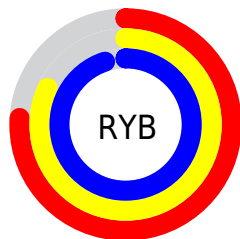
Distribution



Red (76%)

Green (86%)

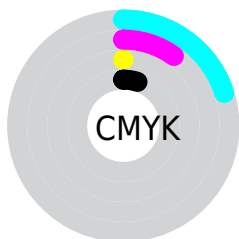
Blue (95%)



Red (76%)

Yellow (82%)

Blue (95%)

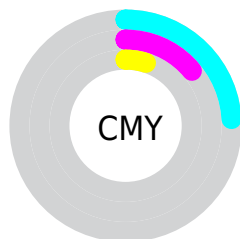


Cyan (20%)

Magenta (10%)

Yellow (0%)

Black (5%)



Cyan (24%)

Magenta (14%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.6067, 68.5432, 93.8821 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 63.6067, 68.5432, 93.8821 by changing the saturation by 10% instead.

■ 63.6067, 68.5432,
93.8821

■ 63.6067, 68.5432,
93.8821

427.3927,
455.4182, 561.4726

■ 46.5927, 50.3398,
70.6132

■ 109.1212,
117.1289, 154.7015

■ 32.9204, 35.6835,
51.5467

138.3525,
148.2800, 193.0891

■ 22.2244, 24.1898,
36.2641

172.3868,
184.5157, 237.3533

■ 14.1394, 15.4745,
24.3469

211.5896,
226.2205, 287.9127

■ 8.3000, 9.1531,
15.3766

256.3263,
273.7787, 345.1857

■ 4.3409, 4.8412,
8.9346

306.9621,

■ 1.8968, 2.1544,

327.5748, 409.5911

4.6023

363.8625,
387.9932, 481.5472

■ 0.5750, 0.6949,
1.9612

■ 0.0000, 0.0000,
0.5313

■ 63.6067, 68.5432,
93.8821

■ 63.6067, 68.5432,
93.8821

■ 54.9744, 59.7595,
92.6428

■ 73.4652, 78.2753,
95.2421

■ 47.5090, 51.8821,
91.5157

■ 84.5935, 88.9792,
96.7216

■ 41.1553, 44.8777,
90.4986

■ 92.6419, 98.4203,
98.1198

■ 35.8505, 38.7073,
89.5872

■ 93.0272, 99.1909,
98.2482

■ 31.5254, 33.3282,
88.7769

■ 28.1010, 28.6923,
88.0626

■ 25.4842, 24.7443,
87.4384

■ 23.5248, 21.3986,
86.8959

■ 23.4951, 21.3467,
86.8875

Harmonies

Analogous

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



60.7960, 68.5432, 88.6124



63.6067, 68.5432, 93.8821



66.9257, 68.5432, 93.6965

Triad

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



63.6067, 68.5432, 93.8821



71.5032, 68.5432, 69.6997



60.6509, 68.5432, 62.5916

Complementary

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



63.6067, 68.5432, 93.8821



71.1691, 72.3981, 61.2638

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.



63.4025, 68.5432, 58.3464



63.6067, 68.5432, 93.8821



69.7034, 68.5432, 62.2051

Square

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



63.6067, 68.5432, 93.8821



71.5625, 68.5432, 79.1711



66.7145, 68.5432, 58.2113



59.1292, 68.5432, 70.2696

Rectangle

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



63.6067, 68.5432, 93.8821



68.9829, 68.5432, 90.4878



66.7145, 68.5432, 58.2113



61.4584, 68.5432, 60.7456

Sweetspot

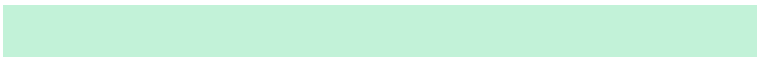
The Sweet Spot groups the original color and five complimentary colors.



63.6088, 68.5460, 93.8836



87.3493, 92.6246, 107.8823



66.4481, 79.9535, 77.1690



18.5238, 19.6588, 23.0682



0.0000, 0.0000, 0.0000



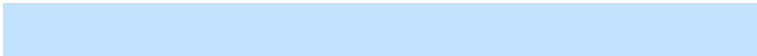
20.3446, 21.4041, 23.3091

Same Dimension

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



63.6088, 68.5460, 93.8836



67.3558, 72.8808, 105.1251



57.9265, 57.1814, 91.9896



15.5785, 16.5911, 20.1029



12.7595, 11.7432, 46.7220



1.1611, 1.1761, 3.9200

Inverse Universe

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



68.6976, 62.5770, 75.4788



74.1706, 65.2279, 80.4013



77.6347, 85.3294, 63.4190



16.1167, 15.8964, 18.1707



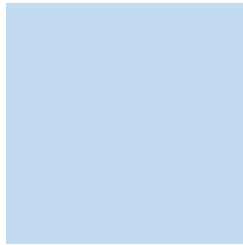
21.7660, 10.9788, 11.9503



1.8610, 0.9334, 1.2589

Previews

White Background



This preview shows how the XYZ color 63.6067, 68.5432, 93.8821 looks on a white background.

Color Contrast Check

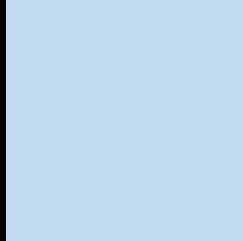
Large Text (above 18pt) WCAG AA × Fail

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 63.6067, 68.5432, 93.8821 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

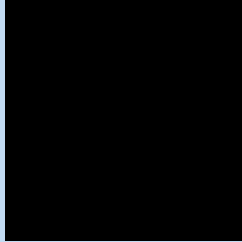
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

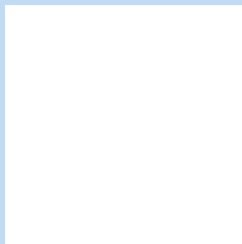
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 63.6067, 68.5432, 93.8821

Background



This preview shows how black text looks on a background with the XYZ color 63.6067, 68.5432, 93.8821.

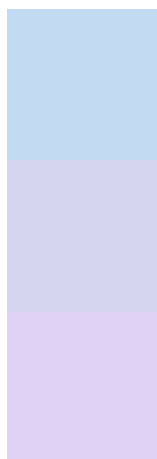


This preview shows how white text looks on a background with the XYZ color 63.6067, 68.5432,

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

63.6067, 68.5432, 93.8821

Protanopia

66.7779, 68.3222, 91.3293

Deuteranopia

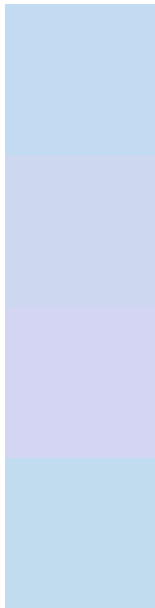
69.8072, 68.3128, 95.0944



Tritanopia

62.8716, 68.6383, 90.0556

Trichromacy



Original Color

63.6067, 68.5432, 93.8821

Protanomaly

65.4609, 68.3821, 92.1870

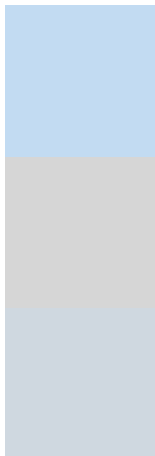
Deuteranomaly

67.1233, 68.0566, 94.3925

Tritanomaly

63.1655, 68.7559, 91.6034

Monochromacy



Original Color

63.6067, 68.5432, 93.8821

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

63.7425, 67.7589, 80.2402

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.6067, 68.5432, 93.8821 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(194, 219, 242)` looks like.

```
.text, #text, p{  
    color:rgb(194, 219, 242)  
}
```

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(194, 219, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 219, 242) }
```

Border

The CSS property to change the border of an element to XYZ 63.6067, 68.5432, 93.8821 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(194, 219, 242) }
```


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

```
.border{ border-color:rgb(194, 219, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 219, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 219, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 219, 242);  
box-shadow:4px 4px 4px 4px rgb(194, 219,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 63.6067, 68.5432, 93.8821 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 219, 242) }
```

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

```
.background{ background-color: rgb(194,  
219, 242) }
```

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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