

Converting Colors

XYZ(63.2638, 67.8055, 90.9712)

Have a look what the booklet for
XYZ(63.2638, 67.8055, 90.9712)
contains.

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Color

**XYZ(63.0104, 67.5345,
90.6034)**

Conversions

Conversions Part 1

Format	Color
Hex	C4D9EE
RGB	196, 217, 238
RGB Percent	77%, 85%, 93%
CMY	0.2314, 0.1490, 0.0667
CMYK	0.18, 0.09, 0.00, 0.07
HSL	210°, 55%, 85%
HSV	210°, 18%, 93%
XYZ	63.0104, 67.5345, 90.6034
YIQ	213.1150, -19.2570, 2.0790

Conversions

Conversions Part 2

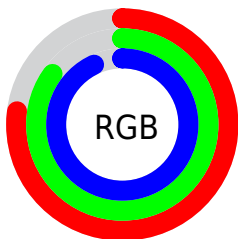
Format	Color
R _Y B	196, 210, 238
Decimal	12900846
CIE Lab	85.77, -2.70, -12.64
CIE LCh	86, 12.930, 257.935
Yxy	67.5345, 0.2849, 0.3054
Android (android.graphics.Color)	4291090926 (0xFFC4D9EE)
YUV	213.1150, 12.2683, -15.0099
Hunter-Lab	82.1794, -6.9504, -7.8421

Details

The XYZ color **63.0104, 67.5345, 90.6034** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **70.0371, 71.7883, 62.3911**, and the grayscale version is **63.2541, 66.5483, 72.4711**.

A 20% lighter version of the original color is **94.3180, 99.6226, 108.8657**, and **32.5192, 34.9688, 49.2917** is the 20% darker color. If you saturate the color by 10%, you get **54.3472, 58.6801, 89.3520**, and if you desaturate by 10%, it is **72.8808, 77.3430, 91.9775**.

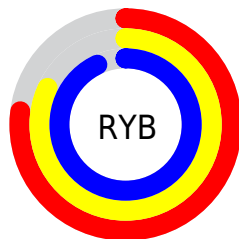
Distribution



Red (77%)

Green (85%)

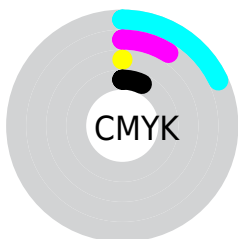
Blue (93%)



Red (77%)

Yellow (82%)

Blue (93%)

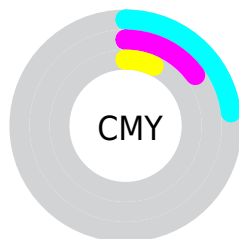


Cyan (18%)

Magenta (9%)

Yellow (0%)

Black (7%)



Cyan (23%)

Magenta (15%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.0104, 67.5345, 90.6034 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 63.0104, 67.5345, 90.6034 by changing the saturation by 10% instead.

■ 63.0104, 67.5345,
90.6034

■ 63.0104, 67.5345,
90.6034

425.2663,
451.8450, 550.6124

■ 46.1083, 49.5191,
67.9047

108.2662,
115.6860, 150.1191

■ 32.5363, 35.0315,
49.3540

137.3507,
146.5908, 187.7731

■ 21.9290, 23.6871,
34.5328

171.2266,
182.5610, 231.2494

■ 13.9210, 15.1017,
23.0225

210.2595,
223.9808, 280.9664

■ 8.1471, 8.8908,
14.4047

254.8145,
271.2348, 337.3426

■ 4.2418, 4.6700,
8.2607

305.2570,

■ 1.8398, 2.0550,

324.7072, 400.7967

4.1721

361.9525,
384.7824, 471.7471

■ 0.5415, 0.6391,
1.7202

■ 0.0000, 0.0000,
0.3745

■ 63.0104, 67.5345,
90.6034

■ 63.0104, 67.5345,
90.6034

■ 54.3472, 58.6801,
89.3520

■ 72.8808, 77.3430,
91.9775

■ 46.8343, 50.7383,
88.2151

■ 83.9999, 88.1285,
93.4733

■ 40.4190, 43.6767,
87.1902

■ 91.7035, 97.4946,
94.8751

■ 35.0419, 37.4573,
86.2731

■ 92.4328, 98.9531,
95.1182

■ 30.6373, 32.0385,
85.4593

■ 27.1310, 27.3742,
84.7438

■ 24.4367, 23.4117,
84.1210

■ 22.4399, 20.0833,
83.5838

■ 22.0316, 19.3706,
83.4677

Harmonies

Analogous

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



60.4613, 67.5345, 86.2739



63.0104, 67.5345, 90.6034



65.9533, 67.5345, 90.1091

Triad

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



63.0104, 67.5345, 90.6034



69.7426, 67.5345, 68.6405



60.0672, 67.5345, 63.1715

Complementary

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



63.0104, 67.5345, 90.6034



70.0371, 71.7883, 62.3911

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.



62.4575, 67.5345, 59.1266



63.0104, 67.5345, 90.6034



68.0679, 67.5345, 62.1136

Square

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



63.0104, 67.5345, 90.6034



69.9017, 67.5345, 76.9840



65.3833, 67.5345, 58.7549



58.7973, 67.5345, 70.1879

Rectangle

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



63.0104, 67.5345, 90.6034



67.7426, 67.5345, 87.1143



65.3833, 67.5345, 58.7549



60.7629, 67.5345, 61.4432

Sweetspot

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



63.0124, 67.5373, 90.6049



88.5140, 93.6618, 108.0211



65.7743, 77.8595, 76.7323



18.7554, 19.8618, 23.0951



0.0000, 0.0000, 0.0000



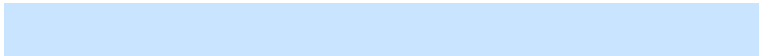
20.3446, 21.4041, 23.3091

Same Dimension

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



63.0124, 67.5373, 90.6049



70.0648, 75.3125, 105.4517



58.0971, 57.7067, 88.9665



15.5503, 16.5348, 20.0936



12.4207, 11.0657, 46.6091



1.1328, 1.1196, 3.9106

Inverse Universe

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



67.5258, 62.6683, 74.1860



76.2670, 68.8575, 82.8363



75.5960, 82.9061, 64.2441



16.1025, 15.8907, 18.0958



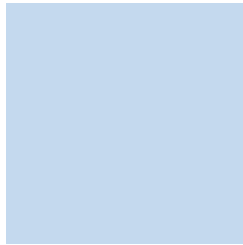
21.5950, 10.9104, 11.0499



1.8467, 0.9277, 1.1837

Previews

White Background



This preview shows how the XYZ color 63.0104, 67.5345, 90.6034 looks on a white background.

Color Contrast Check

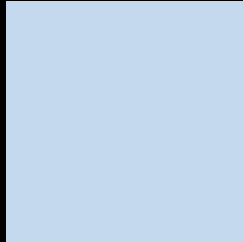
Large Text (above 18pt) WCAG AA × Fail

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 63.0104, 67.5345, 90.6034 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

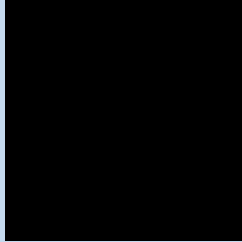
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

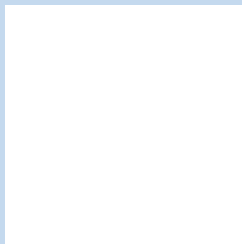
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 63.0104, 67.5345, 90.6034

Background



This preview shows how black text looks on a background with the XYZ color 63.0104, 67.5345, 90.6034.



This preview shows how white text looks on a background with the XYZ color 63.0104, 67.5345,

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

63.0104, 67.5345, 90.6034

Protanopia

65.9410, 67.5837, 88.1668

Deuteranopia

68.7155, 67.0910, 91.7662



Tritanopia

62.5725, 67.7431, 88.3751

Trichromacy



Original Color

63.0104, 67.5345, 90.6034

Protanomaly

64.6405, 67.2711, 88.9346

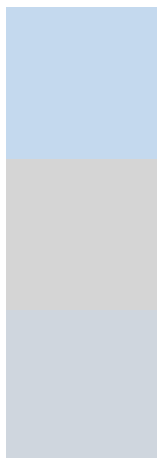
Deuteranomaly

66.3148, 66.9667, 91.0920

Tritanomaly

62.7174, 67.8010, 89.1382

Monochromacy



Original Color

63.0104, 67.5345, 90.6034

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

62.9635, 66.6325, 78.6501

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.0104, 67.5345, 90.6034 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(196, 217, 238)` looks like.

```
.text, #text, p{  
    color:rgb(196, 217, 238)  
}
```

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(196, 217, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 217, 238) }
```

Border

The CSS property to change the border of an element to XYZ 63.0104, 67.5345, 90.6034 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(196, 217, 238) }
```


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

```
.border{ border-color:rgb(196, 217, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 217, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 217, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 217, 238);  
box-shadow:4px 4px 4px 4px rgb(196, 217,  
238) }
```

Background

The CSS property to change the background color of an element to XYZ 63.0104, 67.5345, 90.6034 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 217, 238) }
```

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

```
.background{ background-color: rgb(196,  
217, 238) }
```

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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