

Converting Colors

XYZ(63.3894, 67.9871, 77.5809)

Have a look what the booklet for
XYZ(63.3894, 67.9871, 77.5809)
contains.

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Color

**XYZ(63.4632, 68.0584,
77.5019)**

Conversions

Conversions Part 1

Format	Color
Hex	CFD9DC
RGB	207, 217, 220
RGB Percent	81%, 85%, 86%
CMY	0.1882, 0.1490, 0.1372
CMYK	0.06, 0.01, 0.00, 0.14
HSL	194°, 16%, 84%
HSV	194°, 6%, 86%
XYZ	63.4632, 68.0584, 77.5019
YIQ	214.3520, -6.9230, -1.1870

Conversions

Conversions Part 2

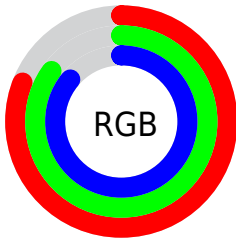
Format	Color
RYP	207, 213, 220
Decimal	13621724
CIELab	86.04, -2.79, -2.65
CIElCh	86, 3.849, 223.489
Yxy	68.0584, 0.3036, 0.3256
Android (android.graphics.Color)	4291811804 (0xFFCFD9DC)
YUV	214.3520, 2.7845, -6.4477
Hunter-Lab	82.4975, -7.0552, 2.0486

Details

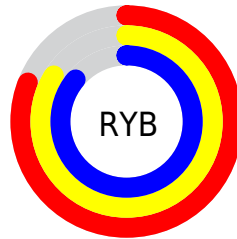
The XYZ color **63.4632, 68.0584, 77.5019** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.8244, 65.8132, 68.3717**, and the grayscale version is **64.1403, 67.4806, 73.4864**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **32.8487, 35.3296, 40.6853** is the 20% darker color. If you saturate the color by 10%, you get **56.4533, 62.5358, 76.8064**, and if you desaturate by 10%, it is **71.3736, 74.1087, 78.2538**.

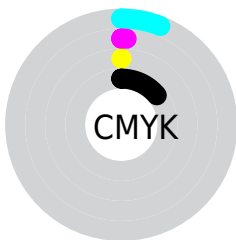
Distribution



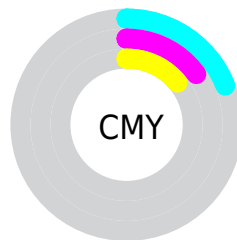
- Red (81%)
- Green (85%)
- Blue (86%)



- Red (81%)
- Yellow (84%)
- Blue (86%)



- Cyan (6%)
- Magenta (1%)
- Yellow (0%)
- Black (14%)



- Cyan (19%)
- Magenta (15%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.4632, 68.0584, 77.5019 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 63.4632, 68.0584, 77.5019 by changing the saturation by 10% instead.

■ 63.4632, 68.0584,
77.5019

■ 63.4632, 68.0584,
77.5019

426.8816,
453.7029, 505.9566

■ 46.4761, 49.9452,
57.1509

108.9156,
116.4357, 131.6272

■ 32.8279, 35.3699,
40.7162

138.1115,
147.4686, 166.2385

■ 22.1532, 23.9479,
27.7794

172.1078,
183.5769, 206.4404

■ 14.0868, 15.2950,
17.9218

211.2698,
225.1450, 252.6514

■ 8.2631, 9.0267,
10.7250

255.9628,
272.5572, 305.2899

■ 4.3170, 4.7586,
5.7704

306.5522,

■ 1.8830, 2.1063,

326.1980, 364.7746

2.6395

363.4033,
386.4518, 431.5240

■ 0.5669, 0.6682,
0.9127

■ 0.0000, 0.0000,
0.0000

■ 63.4632, 68.0584,
77.5019

■ 63.4632, 68.0584,
77.5019

■ 56.4533, 62.5358,
76.8064

■ 71.3736, 74.1087,
78.2538

■ 50.3026, 57.5132,
76.1612

■ 80.2121, 80.6957,
79.0594

■ 44.9748, 52.9736,
75.5657

■ 83.0766, 84.2636,
79.5971

■ 40.4292, 48.8951,
75.0181

■ 84.5265, 87.1635,
80.0804

■ 36.6211, 45.2544,
74.5161

■ 86.0180, 90.1465,
80.5776

■ 33.5012, 42.0253,
74.0572

■ 87.5514, 93.2132,
81.0887

■ 31.0139, 39.1787,
73.6389

■ 89.1269, 96.3643,
81.6139

■ 29.0946, 36.6807,
73.2579

■ 89.9185, 97.9474,
81.8778

■ 27.6631, 34.4894,
72.9104

Harmonies

Analogous

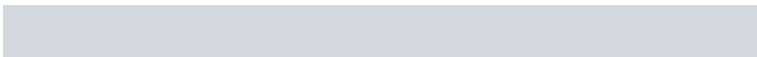
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



63.0501, 68.0584, 75.2443



63.4632, 68.0584, 77.5019



64.2060, 68.0584, 78.8656

Triad

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



63.4632, 68.0584, 77.5019



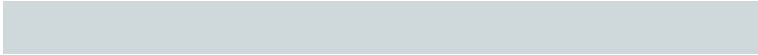
66.3294, 68.0584, 75.4949



64.2921, 68.0584, 69.4745

Complementary

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



63.4632, 68.0584, 77.5019



63.8244, 65.8132, 68.3717

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.



65.1713, 68.0584, 69.5381



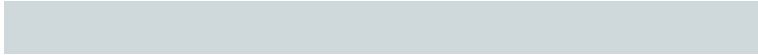
63.4632, 68.0584, 77.5019



66.3529, 68.0584, 72.9753

Square

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



63.4632, 68.0584, 77.5019



65.8633, 68.0584, 77.6889



65.9274, 68.0584, 70.8069



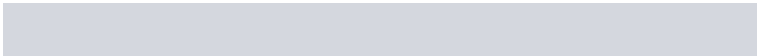
63.5257, 68.0584, 70.6312

Rectangle

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



63.4632, 68.0584, 77.5019



64.7909, 68.0584, 79.0654



65.9274, 68.0584, 70.8069



64.5842, 68.0584, 69.3547

Sweetspot

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



63.4652, 68.0613, 77.5034



92.8246, 98.2978, 108.6887



62.9364, 69.0969, 70.8740



19.8916, 21.0577, 23.2661



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

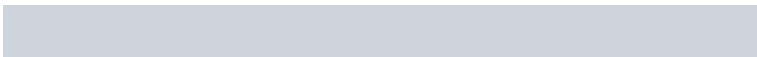
The Same Dimension uses a secret algorithm to generate beautiful new colors.



63.4652, 68.0613, 77.5034



87.4866, 94.1732, 108.1740



61.8670, 64.8651, 76.9707



13.4720, 14.5247, 16.7456



16.0282, 19.9259, 42.7397



1.1017, 1.4174, 2.7900

Inverse Universe

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



64.3539, 64.8523, 74.7750



88.9622, 88.8731, 103.6376



65.4158, 68.9959, 68.9022



13.7158, 13.6511, 15.9958



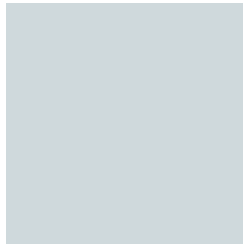
21.5856, 10.6353, 23.2618



1.4304, 0.7018, 1.6752

Previews

White Background



This preview shows how the XYZ color 63.4632, 68.0584, 77.5019 looks on a white background.

Color Contrast Check

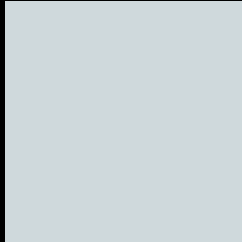
Large Text (above 18pt) WCAG AA × Fail

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 63.4632, 68.0584, 77.5019 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

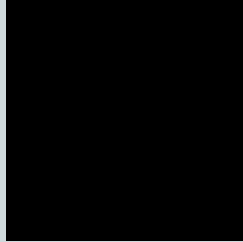
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

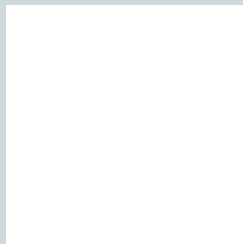
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 63.4632, 68.0584, 77.5019

Background



This preview shows how black text looks on a background with the XYZ color 63.4632, 68.0584, 77.5019.

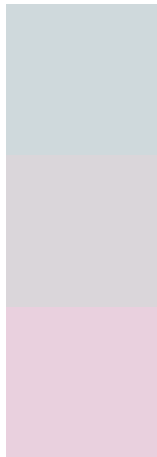


This preview shows how white text looks on a background with the XYZ color 63.4632, 68.0584,

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

63.4632, 68.0584, 77.5019

Protanopia

65.6149, 68.0605, 76.0084

Deuteranopia

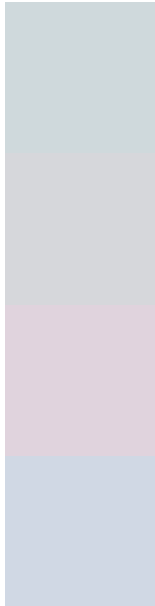
69.3450, 67.7093, 78.5216



Tritanopia

65.1604, 67.9824, 86.0315

Trichromacy



Original Color

63.4632, 68.0584, 77.5019

Protanomaly

64.8182, 68.0115, 76.7291

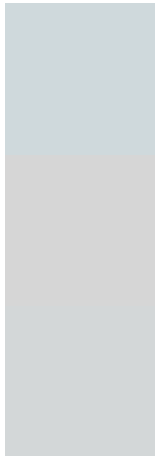
Deuteranomaly

67.0859, 67.6563, 77.9298

Tritanomaly

64.5719, 68.1231, 83.1446

Monochromacy



Original Color

63.4632, 68.0584, 77.5019

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

63.5591, 67.4076, 74.6268

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.4632, 68.0584, 77.5019 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(207, 217, 220) looks like.

```
.text, #text, p{  
    color:rgb(207, 217, 220)  
}
```

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(207, 217, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 217, 220) }
```

Border

The CSS property to change the border of an element to XYZ 63.4632, 68.0584, 77.5019 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(207, 217, 220) }
```


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

```
.border{ border-color:rgb(207, 217, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 217, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 217, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 217, 220);  
box-shadow:4px 4px 4px 4px rgb(207, 217,  
220) }
```

Background

The CSS property to change the background color of an element to XYZ 63.4632, 68.0584, 77.5019 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 217, 220) }
```

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

```
.background{ background-color: rgb(207,  
217, 220) }
```

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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