

Converting Colors

XYZ(63.4601, 66.4066, 77.5058)

Have a look what the booklet for
XYZ(63.4601, 66.4066, 77.5058)
contains.

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Color

**XYZ(63.5765, 66.6047,
77.2153)**

Conversions

Conversions Part 1

Format	Color
Hex	D3D5DC
RGB	211, 213, 220
RGB Percent	83%, 84%, 86%
CMY	0.1725, 0.1647, 0.1372
CMYK	0.04, 0.03, 0.00, 0.14
HSL	227°, 11%, 85%
HSV	227°, 4%, 86%
XYZ	63.5765, 66.6047, 77.2153
YIQ	213.2000, -3.4390, 1.7530

Conversions

Conversions Part 2

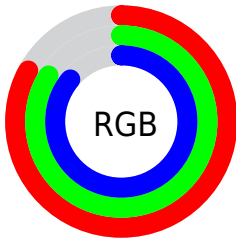
Format	Color
R _Y B	211, 213, 220
Decimal	13882844
CIE Lab	85.30, 0.62, -3.69
CIE LCh	85, 3.742, 279.562
Yxy	66.6047, 0.3065, 0.3211
Android (android.graphics.Color)	4292072924 (0xFFD3D5DC)
YUV	213.2000, 3.3524, -1.9294
Hunter-Lab	81.6117, -3.7668, 1.0321

Details

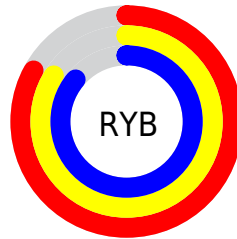
The XYZ color **63.5765, 66.6047, 77.2153** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.3446, 70.0609, 71.6555**, and the grayscale version is **63.3612, 66.6609, 72.5937**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **32.9230, 34.3384, 40.4901** is the 20% darker color. If you saturate the color by 10%, you get **53.6230, 55.4221, 75.5825**, and if you desaturate by 10%, it is **74.8502, 79.1450, 79.0427**.

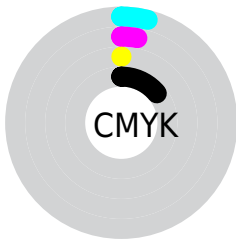
Distribution



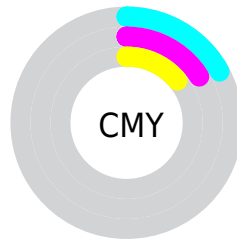
- Red (83%)
- Green (84%)
- Blue (86%)



- Red (83%)
- Yellow (84%)
- Blue (86%)



- Cyan (4%)
- Magenta (3%)
- Yellow (0%)
- Black (14%)



- Cyan (17%)
- Magenta (16%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.5765, 66.6047, 77.2153 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 63.5765, 66.6047, 77.2153 by changing the saturation by 10% instead.

■ 63.5765, 66.6047,
77.2153

■ 63.5765, 66.6047,
77.2153

427.2852,
448.5364, 504.9549

■ 46.5681, 48.7634,
56.9170

109.0780,
114.3538, 131.2191

■ 32.9009, 34.4319,
40.5297

138.3018,
145.0304, 165.7617

■ 22.2094, 23.2256,
27.6348

172.3281,
180.7543, 205.8895

■ 14.1283, 14.7602,
17.8139

211.5223,
221.9099, 252.0210

■ 8.2923, 8.6512,
10.6484

256.2498,
268.8815, 304.5748

■ 4.3359, 4.5144,
5.7198

306.8759,

■ 1.8939, 1.9653,

322.0535, 363.9693

2.6094

363.7659,
381.8103, 430.6232

■ 0.5733, 0.5872,
0.8973

■ 0.0000, 0.0000,
0.0000

■ 63.5765, 66.6047,
77.2153

■ 63.5765, 66.6047,
77.2153

■ 53.6230, 55.4221,
75.5825

■ 74.8502, 79.1450,
79.0427

■ 44.9350, 45.5428,
74.1335

■ 87.4837, 93.0779,
81.0661

■ 37.4626, 36.9210,
72.8631

■ 89.9185, 97.9474,
81.8777

■ 31.1504, 29.5052,
71.7644

■ 25.9383, 23.2399,
70.8298

■ 21.7608, 18.0654,
70.0512

■ 18.5452, 13.9160,
69.4198

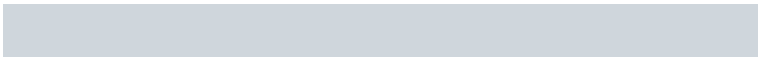
■ 16.2086, 10.7187,
68.9258

■ 14.6525, 8.3890,
68.5581

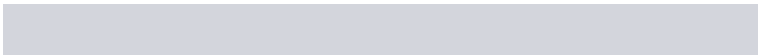
Harmonies

Analogous

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



62.7391, 66.6047, 76.9771



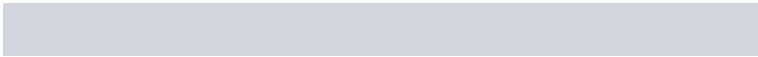
63.5765, 66.6047, 77.2153



64.3480, 66.6047, 76.1743

Triad

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



63.5765, 66.6047, 77.2153



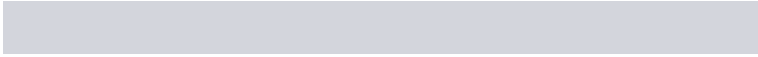
64.5688, 66.6047, 69.5928



61.7929, 66.6047, 70.9057

Complementary

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



63.5765, 66.6047, 77.2153



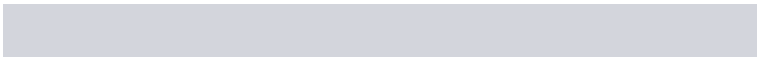
66.3446, 70.0609, 71.6555

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.



62.2748, 66.6047, 68.9868



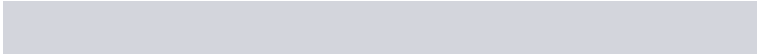
63.5765, 66.6047, 77.2153



63.8758, 66.6047, 68.2406

Square

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



63.5765, 66.6047, 77.2153



64.9243, 66.6047, 71.7497



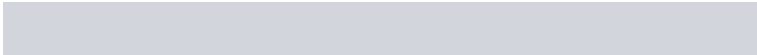
63.0358, 66.6047, 68.0213



61.7144, 66.6047, 73.2982

Rectangle

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



63.5765, 66.6047, 77.2153



64.7194, 66.6047, 74.9083



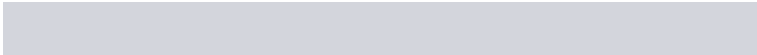
63.0358, 66.6047, 68.0213



61.9129, 66.6047, 70.1854

Sweetspot

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



63.5784, 66.6075, 77.2168



93.4889, 98.2613, 108.6467



65.1000, 70.0931, 76.3603



20.0269, 21.0503, 23.2575



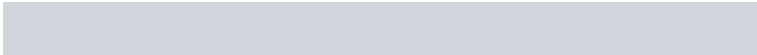
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



63.5784, 66.6075, 77.2168



87.4329, 91.4997, 107.6607



63.7704, 65.9630, 77.0822



13.4015, 14.0147, 16.6509



8.2940, 4.4575, 40.1616



0.6021, 0.4183, 2.6234

Inverse Universe

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



64.8212, 66.6096, 72.3946



89.5615, 91.5111, 99.3998



66.1461, 70.7345, 71.7959



13.7702, 14.0176, 15.2197



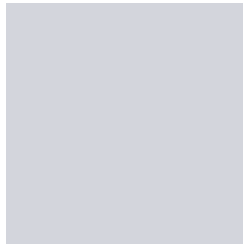
17.6818, 9.0737, 2.7043



1.1782, 0.6009, 0.3473

Previews

White Background



This preview shows how the XYZ color 63.5765, 66.6047, 77.2153 looks on a white background.

Color Contrast Check

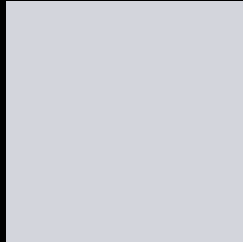
Large Text (above 18pt) WCAG AA × Fail

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 63.5765, 66.6047, 77.2153 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

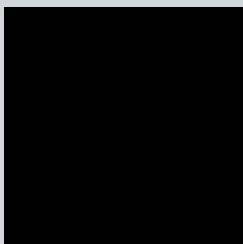
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

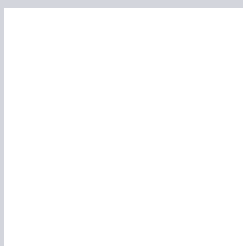
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 63.5765, 66.6047, 77.2153

Background



This preview shows how black text looks on a background with the XYZ color 63.5765, 66.6047, 77.2153.

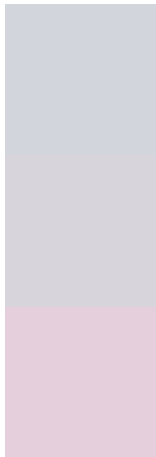


This preview shows how white text looks on a background with the XYZ color 63.5765, 66.6047,

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

63.5765, 66.6047, 77.2153

Protanopia

64.3540, 66.6485, 76.4905

Deuteranopia

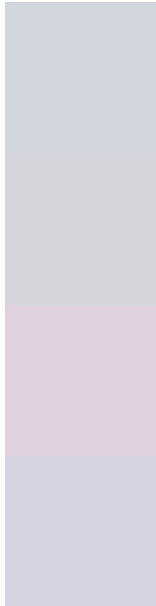
67.9971, 66.6691, 77.6912



Tritanopia

64.6985, 66.6855, 82.8604

Trichromacy



Original Color

63.5765, 66.6047, 77.2153

Protanomaly

64.0612, 66.4976, 76.4768

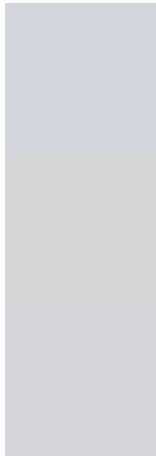
Deuteranomaly

66.2830, 66.5094, 77.7507

Tritanomaly

64.2855, 66.5203, 80.6856

Monochromacy



Original Color

63.5765, 66.6047, 77.2153

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

63.3403, 66.5434, 74.4715

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.5765, 66.6047, 77.2153 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(211, 213, 220) looks like.

```
.text, #text, p{  
    color:rgb(211, 213, 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(211, 213, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 213, 220) }
```

Border

The CSS property to change the border of an element to XYZ 63.5765, 66.6047, 77.2153 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(211, 213, 220) }
```


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

```
.border{ border-color:rgb(211, 213, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 213, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 213, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 213, 220);  
box-shadow:4px 4px 4px 4px rgb(211, 213,  
220) }
```

Background

The CSS property to change the background color of an element to XYZ 63.5765, 66.6047, 77.2153 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 213, 220) }
```

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

```
.background{ background-color: rgb(211,  
213, 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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