

Converting Colors

XYZ(63.0765, 65.6047, 77.0486)

Have a look what the booklet for
XYZ(63.0765, 65.6047, 77.0486)
contains.

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Color

**XYZ(63.0765, 65.6047,
77.0486)**

Conversions

Conversions Part 1

Format	Color
Hex	D3D3DC
RGB	211, 211, 220
RGB Percent	83%, 83%, 86%
CMY	0.1725, 0.1725, 0.1372
CMYK	0.04, 0.04, 0.00, 0.14
HSL	240°, 11%, 85%
HSV	240°, 4%, 86%
XYZ	63.0765, 65.6047, 77.0486
YIQ	212.0260, -2.8890, 2.7990

Conversions

Conversions Part 2

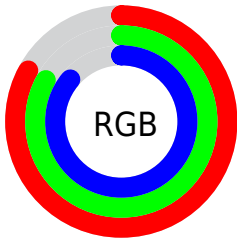
Format	Color
R _Y B	211, 211, 220
Decimal	13882332
CIE Lab	84.79, 1.67, -4.44
CIE LCh	85, 4.743, 290.596
Yxy	65.6047, 0.3066, 0.3189
Android (android.graphics.Color)	4292072412 (0xFFD3D3DC)
YUV	212.0260, 3.9312, -0.8998
Hunter-Lab	80.9967, -2.7367, 0.2978

Details

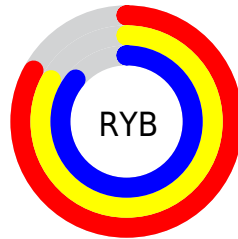
The XYZ color **63.0765, 65.6047, 77.0486** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.8664, 71.1045, 71.8294**, and the grayscale version is **62.5743, 65.8330, 71.6921**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **32.7531, 33.9987, 40.4334** is the 20% darker color. If you saturate the color by 10%, you get **52.1054, 52.3871, 75.0766**, and if you desaturate by 10%, it is **75.6614, 80.7675, 79.3130**.

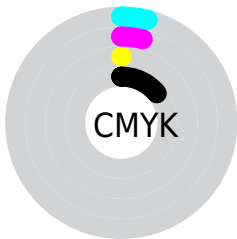
Distribution



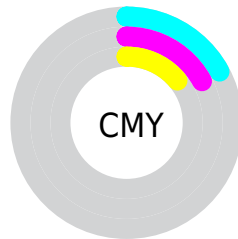
- Red (83%)
- Green (83%)
- Blue (86%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.0765, 65.6047, 77.0486 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 63.0765, 65.6047, 77.0486 by changing the saturation by 10% instead.

■ 63.0765, 65.6047,
77.0486

■ 63.0765, 65.6047,
77.0486

425.5023,
444.9618, 504.3718

■ 46.1620, 47.9516,
56.7810

108.3611,
112.9188, 130.9817

■ 32.5788, 33.7885,
40.4212

137.4618,
143.3485, 165.4843

■ 21.9617, 22.7312,
27.5508

171.3554,
178.8060, 205.5689

■ 13.9452, 14.3952,
17.7513

210.4070,
219.6754, 251.6541

■ 8.1640, 8.3960,
10.6040

254.9822,
266.3414, 304.1585

■ 4.2528, 4.3494,
5.6904

305.4463,

■ 1.8461, 1.8709,

319.1881, 363.5005

2.5920

362.1645,
378.6002, 430.0988

■ 0.5452, 0.5308,
0.8883

■ 0.0000, 0.0000,
0.0000

■ 63.0765, 65.6047,
77.0486

■ 63.0765, 65.6047,
77.0486

■ 52.1054, 52.3871,
75.0766

■ 75.6614, 80.7675,
79.3130

■ 42.6776, 41.0280,
73.3810

■ 89.9150, 97.9405,
81.8765

■ 34.7255, 31.4467,
71.9507

■ 89.9185, 97.9474,
81.8776

■ 28.1744, 23.5533,
70.7724

■ 22.9433, 17.2501,
69.8315

■ 18.9427, 12.4291,
69.1118

■ 16.0719, 8.9694,
68.5953

■ 14.2146, 6.7308,
68.2611

■ 13.2293, 5.5427,
68.0837

Harmonies

Analogous

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



62.0222, 65.6047, 77.3595



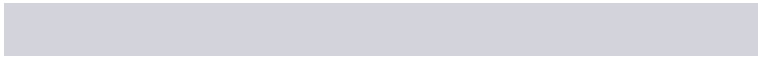
63.0765, 65.6047, 77.0486



63.9467, 65.6047, 75.2099

Triad

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



63.0765, 65.6047, 77.0486



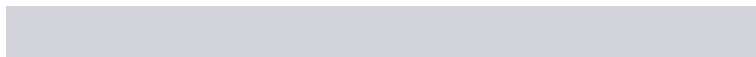
63.6607, 65.6047, 67.0075



60.3621, 65.6047, 70.4809

Complementary

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



63.0765, 65.6047, 77.0486



66.8664, 71.1045, 71.8294

Split Complementary

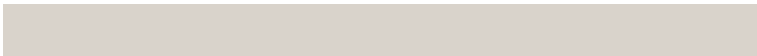
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



60.7905, 65.6047, 67.7835



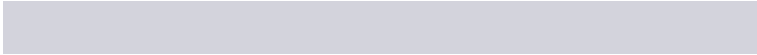
63.0765, 65.6047, 77.0486



62.6896, 65.6047, 65.8160

Square

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



63.0765, 65.6047, 77.0486



64.2867, 65.6047, 69.3945



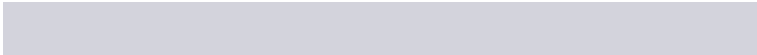
61.6396, 65.6047, 66.0959



60.4630, 65.6047, 73.5097

Rectangle

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



63.0765, 65.6047, 77.0486



64.3015, 65.6047, 73.3932



61.6396, 65.6047, 66.0959



60.4488, 65.6047, 69.5067

Sweetspot

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



63.0784, 65.6075, 77.0500



93.3102, 97.9039, 108.5871



65.3566, 70.1957, 77.7115



19.9906, 20.9776, 23.2454



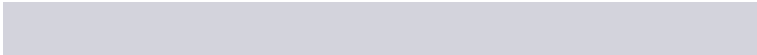
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



63.0784, 65.6075, 77.0500



86.5818, 89.7975, 107.3770



64.3408, 66.2571, 77.1089



13.2547, 13.7210, 16.6020



7.5823, 3.0340, 39.9244



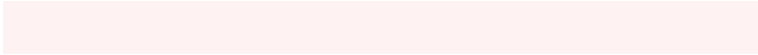
0.4914, 0.1968, 2.5865

Inverse Universe

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



64.5688, 66.5086, 71.0656



89.1319, 91.3393, 97.1375



65.5677, 70.4363, 71.7689



13.6961, 13.9880, 14.8294



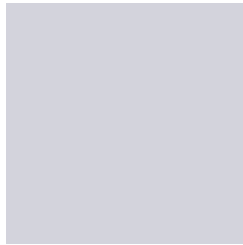
17.3225, 8.9300, 0.8125



1.1223, 0.5786, 0.0530

Previews

White Background



This preview shows how the XYZ color 63.0765, 65.6047, 77.0486 looks on a white background.

Color Contrast Check

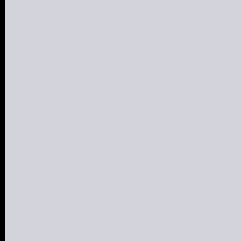
Large Text (above 18pt) WCAG AA × Fail

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 63.0765, 65.6047, 77.0486 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

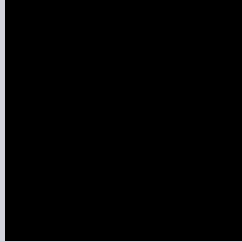
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

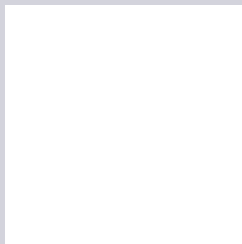
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 63.0765, 65.6047, 77.0486

Background



This preview shows how black text looks on a background with the XYZ color 63.0765, 65.6047, 77.0486.

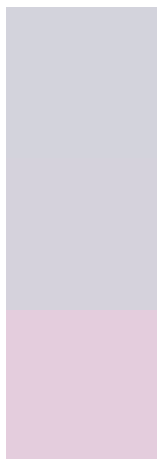


This preview shows how white text looks on a background with the XYZ color 63.0765, 65.6047,

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

63.0765, 65.6047, 77.0486

Protanopia

63.4054, 65.4066, 76.9931

Deuteranopia

66.8774, 65.3771, 77.5008



Tritanopia

64.0631, 65.6363, 81.9656

Trichromacy



Original Color

63.0765, 65.6047, 77.0486

Protanomaly

63.1162, 65.2575, 76.9795

Deuteranomaly

65.4882, 65.3757, 77.5738

Tritanomaly

63.6525, 65.4721, 79.8035

Monochromacy



Original Color

63.0765, 65.6047, 77.0486

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

62.9606, 65.9903, 73.7090

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.0765, 65.6047, 77.0486 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, 211, 220) looks like.

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

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

Border

The CSS property to change the border of an element to XYZ 63.0765, 65.6047, 77.0486 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, 211, 220) }
```


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

```
.border{ border-color:rgb(211, 211, 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, 211, 220)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to XYZ 63.0765, 65.6047, 77.0486 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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