

Converting Colors

XYZ(63.7857, 65.7939, 77.0645)

Have a look what the booklet for
XYZ(63.7857, 65.7939, 77.0645)
contains.

XYZ(63.9441, 66.0520, 77.0892)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(63.9441, 66.0520,
77.0892)**

Conversions

Conversions Part 1

Format	Color
Hex	D6D3DC
RGB	214, 211, 220
RGB Percent	84%, 83%, 86%
CMY	0.1608, 0.1725, 0.1372
CMYK	0.03, 0.04, 0.00, 0.14
HSL	260°, 11%, 85%
HSV	260°, 4%, 86%
XYZ	63.9441, 66.0520, 77.0892
YIQ	212.9230, -1.1010, 3.4350

Conversions

Conversions Part 2

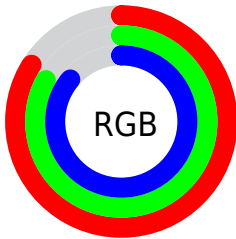
Format	Color
RYB	214, 211, 220
Decimal	14078940
CIELab	85.02, 2.67, -4.08
CIELCh	85, 4.876, 303.257
Yxy	66.0520, 0.3088, 0.3190
Android (android.graphics.Color)	4292269020 (0xFFD6D3DC)
YUV	212.9230, 3.4890, 0.9445
Hunter-Lab	81.2724, -1.7851, 0.6524

Details

The XYZ color **63.9441, 66.0520, 77.0892** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.9688, 70.6430, 71.7899**, and the grayscale version is **63.1740, 66.4639, 72.3792**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.1466, 34.2015, 40.4518** is the 20% darker color. If you saturate the color by 10%, you get **54.7578, 53.7519, 75.2002**, and if you desaturate by 10%, it is **74.2680, 80.0526, 79.2485**.

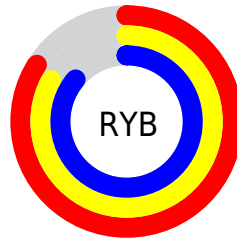
Distribution



Red (84%)

Green (83%)

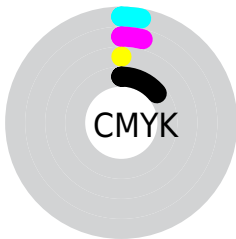
Blue (86%)



Red (84%)

Yellow (83%)

Blue (86%)

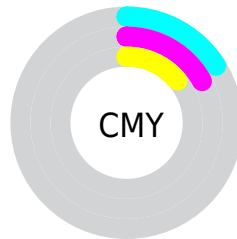


Cyan (3%)

Magenta (4%)

Yellow (0%)

Black (14%)



Cyan (16%)

Magenta (17%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.9441, 66.0520, 77.0892 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 63.9441, 66.0520, 77.0892 by changing the saturation by 10% instead.

■ 63.9441, 66.0520,
77.0892

■ 63.9441, 66.0520,
77.0892

428.5932,
446.5628, 504.5138

■ 46.8669, 48.3146,
56.8141

109.6046,
113.5610, 131.0395

■ 33.1380, 34.0761,
40.4476

138.9186,
144.1013, 165.5519

■ 22.3919, 22.9521,
27.5713

173.0423,
179.6782, 205.6470

■ 14.2634, 14.5581,
17.7665

212.3411,
220.6758, 251.7435

■ 8.3870, 8.5099,
10.6148

257.1801,
267.4787, 304.2599

■ 4.3974, 4.4229,
5.6975

307.9249,

■ 1.9293, 1.9128,

320.4713, 363.6147

2.5963

364.9408,
380.0378, 430.2265

■ 0.5938, 0.5561,
0.8905

■ 0.0000, 0.0000,
0.0000

■ 63.9441, 66.0520,
77.0892

■ 63.9441, 66.0520,
77.0892

■ 54.7578, 53.7519,
75.2002

■ 74.2680, 80.0526,
79.2485

■ 46.6630, 43.0783,
73.5666

■ 85.7602, 95.8037,
81.6830

■ 39.6188, 33.9639,
72.1787

■ 89.9185, 97.9474,
81.8776

■ 33.5796, 26.3339,
71.0242

■ 28.4960, 20.1068,
70.0902

■ 24.3142, 15.1931,
69.3622

■ 20.9746, 11.4927,
68.8239

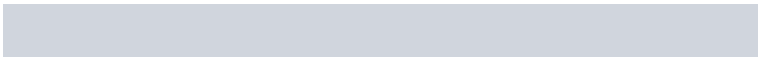
■ 18.4093, 8.8904,
68.4568

■ 16.5378, 7.2470,
68.2383

Harmonies

Analogous

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



62.9003, 66.0520, 78.1196



63.9441, 66.0520, 77.0892



64.6827, 66.0520, 74.6716

Triad

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



63.9441, 66.0520, 77.0892



63.7342, 66.0520, 66.6593



60.6984, 66.0520, 72.2631

Complementary

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



63.9441, 66.0520, 77.0892



65.9688, 70.6430, 71.7899

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.



60.9159, 66.0520, 69.2356



63.9441, 66.0520, 77.0892



62.6607, 66.0520, 66.0563

Square

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



63.9441, 66.0520, 77.0892



64.5605, 66.0520, 68.6577



61.6310, 66.0520, 66.9861



61.0334, 66.0520, 75.2827

Rectangle

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



63.9441, 66.0520, 77.0892



64.8982, 66.0520, 72.6309



61.6310, 66.0520, 66.9861



60.7093, 66.0520, 71.2126

Sweetspot

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



63.9460, 66.0548, 77.0906



93.6190, 98.0627, 108.6015



64.6361, 68.7214, 77.5690



20.0534, 21.0099, 23.2483



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.



63.9460, 66.0548, 77.0906



88.0571, 90.5560, 107.4457



65.2328, 66.7182, 77.1509



13.5093, 13.8520, 16.6138



9.3124, 3.9249, 40.0052



0.6929, 0.3005, 2.5959

Inverse Universe

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



65.3362, 66.8169, 75.1023



90.4403, 91.8627, 104.0275



64.6925, 69.9850, 71.7302



13.9223, 14.0784, 16.0204



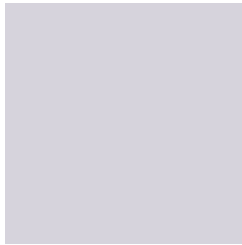
20.4539, 10.1826, 17.3019



1.3644, 0.6754, 1.3281

Previews

White Background



This preview shows how the XYZ color 63.9441, 66.0520, 77.0892 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 63.9441, 66.0520, 77.0892 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

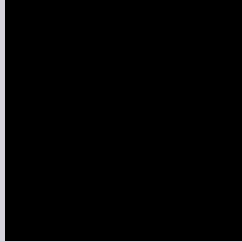
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

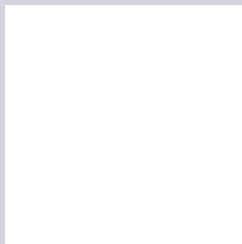
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 63.9441, 66.0520, 77.0892

Background



This preview shows how black text looks on a background with the XYZ color 63.9441, 66.0520, 77.0892.

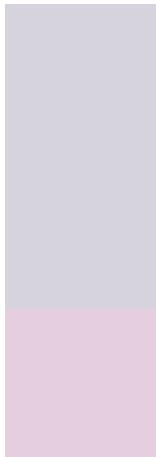


This preview shows how white text looks on a background with the XYZ color 63.9441, 66.0520,

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

63.9441, 66.0520, 77.0892

Protanopia

63.9441, 66.0520, 77.0892

Deuteranopia

67.4356, 66.0211, 77.5957



Tritanopia

64.9361, 66.0863, 82.0065

Trichromacy



Original Color

63.9441, 66.0520, 77.0892

Protanomaly

63.9441, 66.0520, 77.0892

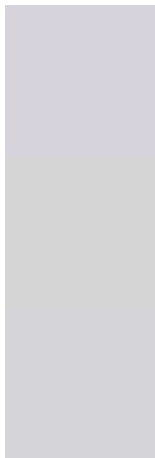
Deuteranomaly

66.3475, 66.1795, 77.6836

Tritanomaly

64.5255, 65.9221, 79.8444

Monochromacy



Original Color

63.9441, 66.0520, 77.0892

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

63.3787, 66.1910, 74.4015

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.9441, 66.0520, 77.0892 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(214, 211, 220) looks like.

```
.text, #text, p{  
    color:rgb(214, 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(214, 211, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 211, 220) }
```

Border

The CSS property to change the border of an element to XYZ 63.9441, 66.0520, 77.0892 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(214, 211, 220) }
```


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

```
.border{ border-color:rgb(214, 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(214, 211, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 211, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 211, 220);  
box-shadow:4px 4px 4px 4px rgb(214, 211,  
220) }
```

Background

The CSS property to change the background color of an element to XYZ 63.9441, 66.0520, 77.0892 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 211, 220) }
```

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

```
.background{ background-color: rgb(214,  
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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