

Converting Colors

XYZ(62.0191, 65.9525, 77.2404)

Have a look what the booklet for
XYZ(62.0191, 65.9525, 77.2404)
contains.

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Color

**XYZ(61.8894, 65.7349,
77.1363)**

Conversions

Conversions Part 1

Format	Color
Hex	CDD5DC
RGB	205, 213, 220
RGB Percent	80%, 84%, 86%
CMY	0.1961, 0.1647, 0.1372
CMYK	0.07, 0.03, 0.00, 0.14
HSL	208°, 18%, 83%
HSV	208°, 7%, 86%
XYZ	61.8894, 65.7349, 77.1363
YIQ	211.4060, -7.0150, 0.4810

Conversions

Conversions Part 2

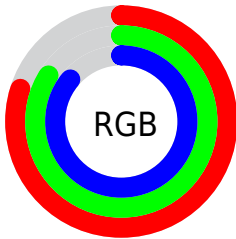
Format	Color
R _Y B	205, 210, 220
Decimal	13489628
CIE Lab	84.86, -1.37, -4.39
CIE LCh	85, 4.602, 252.655
Yxy	65.7349, 0.3023, 0.3210
Android (android.graphics.Color)	4291679708 (0xFFCDD5DC)
YUV	211.4060, 4.2368, -5.6181
Hunter-Lab	81.0771, -5.6286, 0.3457

Details

The XYZ color **61.8894, 65.7349, 77.1363** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.0785, 66.7101, 67.2580**, and the grayscale version is **62.1631, 65.4004, 71.2210**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **31.7809, 33.7496, 40.4366** is the 20% darker color. If you saturate the color by 10%, you get **53.7425, 57.8252, 76.0400**, and if you desaturate by 10%, it is **71.0568, 74.4168, 78.3299**.

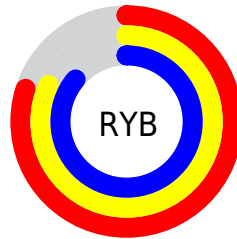
Distribution



Red (80%)

Green (84%)

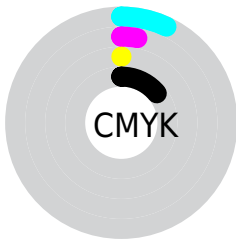
Blue (86%)



Red (80%)

Yellow (82%)

Blue (86%)

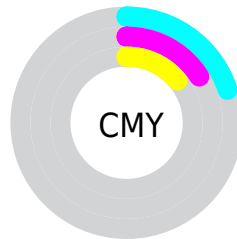


Cyan (7%)

Magenta (3%)

Yellow (0%)

Black (14%)



Cyan (20%)

Magenta (16%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.8894, 65.7349, 77.1363 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 61.8894, 65.7349, 77.1363 by changing the saturation by 10% instead.

■ 61.8894, 65.7349,
77.1363

■ 61.8894, 65.7349,
77.1363

421.2515,
445.4282, 504.6786

■ 45.1986, 48.0572,
56.8525

106.6565,
113.1058, 131.1066

■ 31.8158, 33.8722,
40.4783

135.4635,
143.5677, 165.6303

■ 21.3757, 22.7954,
27.5950

169.0400,
179.0599, 205.7376

■ 13.5129, 14.4425,
17.7842

207.7513,
219.9668, 251.8472

■ 7.8621, 8.4291,
10.6273

251.9627,
266.6726, 304.3775

■ 4.0579, 4.3707,
5.7058

302.0397,

■ 1.7350, 1.8830,

319.5619, 363.7472

2.6012

358.3475,
379.0189, 430.3747

■ 0.4780, 0.5381,
0.8931

■ 0.0000, 0.0000,
0.0000

■ 61.8894, 65.7349,
77.1363

■ 61.8894, 65.7349,
77.1363

■ 53.7425, 57.8252,
76.0400

■ 71.0568, 74.4168,
78.3299

■ 46.5720, 50.6551,
75.0339

■ 81.2752, 83.8856,
79.6190

■ 40.3388, 44.2016,
74.1168

■ 86.4465, 91.0035,
80.7203

■ 34.9988, 38.4374,
73.2857

■ 89.6174, 97.3454,
81.7773

■ 30.5042, 33.3330,
72.5373

■ 89.9185, 97.9474,
81.8777

■ 26.8022, 28.8560,
71.8683

■ 23.8335, 24.9706,
71.2748

■ 21.5288, 21.6359,
70.7526

■ 19.8002, 18.8008,
70.2965

Harmonies

Analogous

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



61.0312, 65.7349, 75.4939



61.8894, 65.7349, 77.1363



62.9147, 65.7349, 77.2629

Triad

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



61.8894, 65.7349, 77.1363



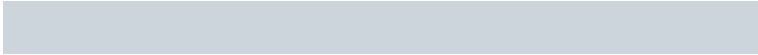
64.4350, 65.7349, 70.3364



61.1443, 65.7349, 67.4758

Complementary

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



61.8894, 65.7349, 77.1363



64.0785, 66.7101, 67.2580

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.



62.0454, 65.7349, 66.1717



61.8894, 65.7349, 77.1363



63.9497, 65.7349, 67.7925

Square

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



61.8894, 65.7349, 77.1363



64.3922, 65.7349, 73.2816



63.0724, 65.7349, 66.2860



60.6042, 65.7349, 69.8934

Rectangle

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



61.8894, 65.7349, 77.1363



63.5558, 65.7349, 76.4657



63.0724, 65.7349, 66.2860



61.4146, 65.7349, 66.8957

Sweetspot

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



61.8913, 65.7377, 77.1377



92.4443, 97.5370, 108.5619



62.6233, 68.9075, 72.1232



19.8142, 20.9028, 23.2403



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.



61.8913, 65.7377, 77.1377



84.9781, 90.4123, 107.5802



60.1075, 62.1701, 76.5432



12.9110, 13.7618, 16.6280



11.4535, 10.7764, 41.2148



0.8280, 0.8701, 2.6987

Inverse Universe

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



63.3583, 63.6838, 71.9068



87.3894, 87.0700, 98.9744



65.9325, 70.4181, 67.8760



13.3450, 13.1671, 15.0778



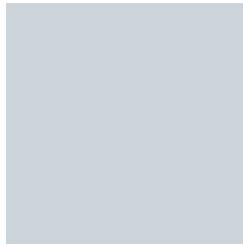
19.2765, 9.7116, 11.1021



1.2922, 0.6465, 0.9478

Previews

White Background



This preview shows how the XYZ color 61.8894, 65.7349, 77.1363 looks on a white background.

Color Contrast Check

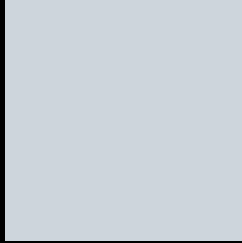
Large Text (above 18pt) WCAG AA × Fail

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 61.8894, 65.7349, 77.1363 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

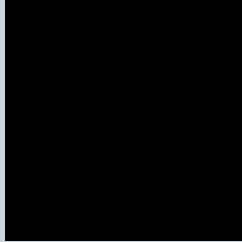
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

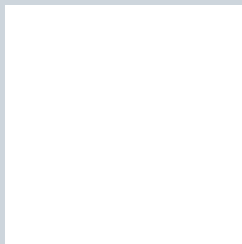
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.8894, 65.7349, 77.1363

Background



This preview shows how black text looks on a background with the XYZ color 61.8894, 65.7349, 77.1363.

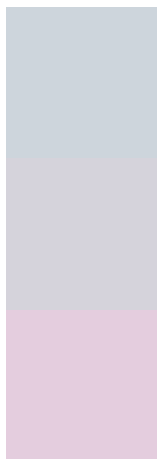


This preview shows how white text looks on a background with the XYZ color 61.8894, 65.7349,

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

61.8894, 65.7349, 77.1363

Protanopia

63.5210, 65.8491, 76.3801

Deuteranopia

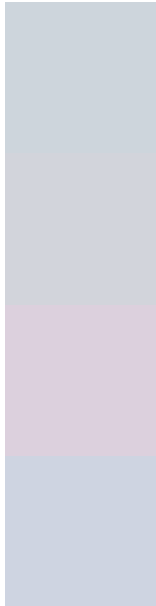
67.0110, 65.4306, 78.2047



Tritanopia

63.0007, 65.8102, 82.7809

Trichromacy



Original Color

61.8894, 65.7349, 77.1363

Protanomaly

62.9080, 65.9031, 76.4228

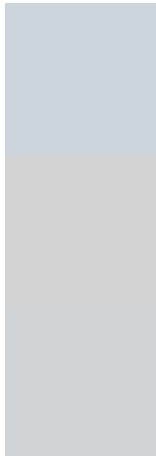
Deuteranomaly

65.1222, 65.5479, 77.6263

Tritanomaly

62.5877, 65.6450, 80.6062

Monochromacy



Original Color

61.8894, 65.7349, 77.1363

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

61.9756, 65.4973, 72.9941

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.8894, 65.7349, 77.1363 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(205, 213, 220) looks like.

```
.text, #text, p{  
    color:rgb(205, 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(205, 213, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 213, 220) }
```

Border

The CSS property to change the border of an element to XYZ 61.8894, 65.7349, 77.1363 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(205, 213, 220) }
```


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

```
.border{ border-color:rgb(205, 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(205, 213, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 213, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 213, 220);  
box-shadow:4px 4px 4px 4px rgb(205, 213,  
220) }
```

Background

The CSS property to change the background color of an element to XYZ 61.8894, 65.7349, 77.1363 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 213, 220) }
```

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

```
.background{ background-color: rgb(205,  
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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