

Converting Colors

XYZ(61.8958, 63.6302, 72.6445)

Have a look what the booklet for
XYZ(61.8958, 63.6302, 72.6445)
contains.

XYZ(61.8910, 63.6268, 72.6375)	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(61.8910, 63.6268,
72.6375)**

Conversions

Conversions Part 1

Format	Color
Hex	D5CFD6
RGB	213, 207, 214
RGB Percent	84%, 81%, 84%
CMY	0.1647, 0.1882, 0.1608
CMYK	0.00, 0.03, 0.00, 0.16
HSL	291°, 8%, 83%
HSV	291°, 3%, 84%
XYZ	61.8910, 63.6268, 72.6375
YIQ	209.5920, 1.3290, 3.4490

Conversions

Conversions Part 2

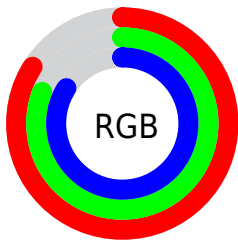
Format	Color
R _Y B	213, 207, 214
Decimal	14012374
CIE Lab	83.77, 3.33, -2.74
CIE LCh	84, 4.310, 320.589
Yxy	63.6268, 0.3123, 0.3211
Android (android.graphics.Color)	4292202454 (0xFFD5CFD6)
YUV	209.5920, 2.1731, 2.9888
Hunter-Lab	79.7664, -1.0925, 1.8454

Details

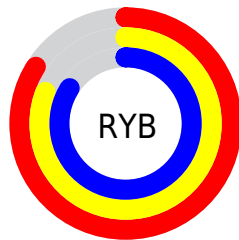
The XYZ color **61.8910, 63.6268, 72.6375** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.3238, 66.0097, 68.5437**, and the grayscale version is **60.9783, 64.1539, 69.8636**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **31.7498, 32.5548, 37.4112** is the 20% darker color. If you saturate the color by 10%, you get **56.1757, 53.5000, 70.9850**, and if you desaturate by 10%, it is **68.3294, 75.1731, 74.5278**.

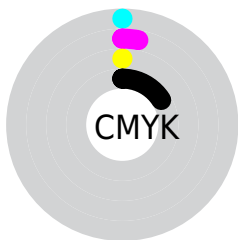
Distribution



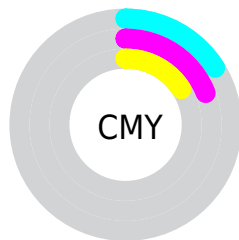
- Red (84%)
- Green (81%)
- Blue (84%)



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



- Cyan (0%)
- Magenta (3%)
- Yellow (0%)
- Black (16%)



- Cyan (16%)
- Magenta (19%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.8910, 63.6268, 72.6375 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 61.8910, 63.6268, 72.6375 by changing the saturation by 10% instead.

■ 61.8910, 63.6268,
72.6375

■ 61.8910, 63.6268,
72.6375

421.2573,
437.8407, 488.7945

■ 45.1999, 46.3485,
53.1896

106.6588,
110.0733, 124.6786

■ 31.8169, 32.5209,
37.5654

135.4662,
140.0102, 158.1089

■ 21.3765, 21.7597,
25.3463

169.0431,
174.9355, 197.0370

■ 13.5135, 13.6804,
16.1139

207.7549,
215.2335, 241.8815

■ 7.8625, 7.8987,
9.4496

251.9668,
261.2887, 293.0610

■ 4.0582, 4.0302,
4.9348

302.0443,

■ 1.7351, 1.6905,

313.4853, 350.9940

2.1510

358.3526,
372.2079, 416.0990

■ 0.4781, 0.4175,
0.6459

■ 0.0000, 0.0000,
0.0000

■ 61.8910, 63.6268,
72.6375

■ 61.8910, 63.6268,
72.6375

■ 56.1757, 53.5000,
70.9850

■ 68.3294, 75.1731,
74.5278

■ 51.1499, 44.7282,
69.5568

■ 75.5119, 88.1838,
76.6605

■ 46.7852, 37.2543,
68.3442

■ 78.0761, 91.9326,
77.2490

■ 43.0495, 31.0138,
67.3366

■ 79.0224, 92.4204,
77.2933

39.9077, 25.9367,
66.5222

79.9858, 92.9171,
77.3384

37.3210, 21.9459,
65.8882

80.9663, 93.4226,
77.3842

35.2464, 18.9550,
65.4203

81.9642, 93.9370,
77.4309

33.6338, 16.8645,
65.1017

82.9794, 94.4603,
77.4784

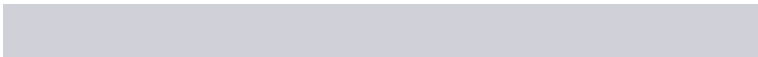
32.4231, 15.5538,
64.9126

84.0120, 94.9927,
77.5268

Harmonies

Analogous

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



61.1170, 63.6268, 74.2685



61.8910, 63.6268, 72.6375



62.2868, 63.6268, 70.1337

Triad

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



61.8910, 63.6268, 72.6375



60.7732, 63.6268, 64.2677



58.7893, 63.6268, 71.1261

Complementary

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



61.8910, 63.6268, 72.6375



61.3238, 66.0097, 68.5437

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.



58.6994, 63.6268, 68.4308



61.8910, 63.6268, 72.6375



59.8382, 63.6268, 64.5177

Square

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



61.8910, 63.6268, 72.6375



61.6370, 63.6268, 65.3331



59.0815, 63.6268, 66.0252



59.3284, 63.6268, 73.3802

Rectangle

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



61.8910, 63.6268, 72.6375



62.2802, 63.6268, 68.3263



59.0815, 63.6268, 66.0252



58.7057, 63.6268, 70.2400

Sweetspot

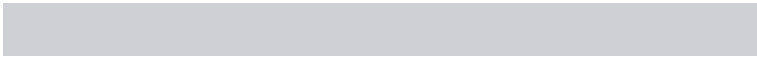
The Sweet Spot groups the original color and five complimentary colors.



61.8928, 63.6295, 72.6389



94.1079, 98.3147, 108.6244



60.4404, 63.2595, 72.6440



20.1529, 21.0612, 23.2530



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.



61.8928, 63.6295, 72.6389



91.3477, 93.3884, 107.8190



61.8733, 63.6553, 71.0175



13.3692, 13.6011, 15.8582



19.2677, 9.0854, 39.1913



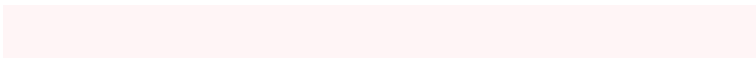
1.2110, 0.5732, 2.3661

Inverse Universe

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



61.4318, 63.4787, 68.6925



90.5061, 93.1135, 100.5988



61.3453, 65.9859, 70.1199



13.2254, 13.5542, 14.6226



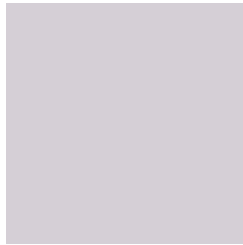
16.9312, 8.7088, 1.6756



1.0449, 0.5348, 0.2260

Previews

White Background



This preview shows how the XYZ color 61.8910, 63.6268, 72.6375 looks on a white background.

Color Contrast Check

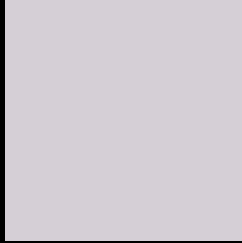
Large Text (above 18pt) WCAG AA × Fail

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 61.8910, 63.6268, 72.6375 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

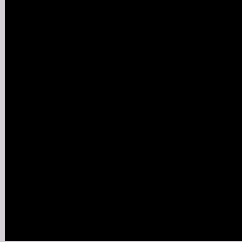
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

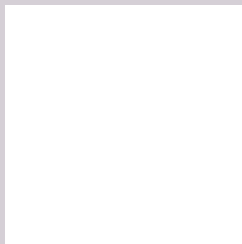
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.8910, 63.6268, 72.6375

Background



This preview shows how black text looks on a background with the XYZ color 61.8910, 63.6268, 72.6375.

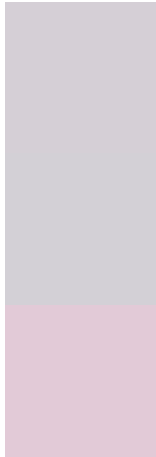


This preview shows how white text looks on a background with the XYZ color 61.8910, 63.6268,

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

61.8910, 63.6268, 72.6375

Protanopia

61.5574, 63.8157, 72.6916

Deuteranopia

64.7503, 63.3161, 73.0985



Tritanopia

62.9877, 63.7127, 78.0852

Trichromacy



Original Color

61.8910, 63.6268, 72.6375

Protanomaly

61.8449, 63.9638, 72.7050

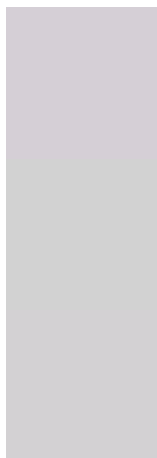
Deuteranomaly

63.6774, 63.4642, 73.1836

Tritanomaly

62.5890, 63.5532, 75.9860

Monochromacy



Original Color

61.8910, 63.6268, 72.6375

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

61.4223, 64.1530, 70.7735

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.8910, 63.6268, 72.6375 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(213, 207, 214) looks like.

```
.text, #text, p{  
    color:rgb(213, 207, 214)  
}
```

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(213, 207, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 207, 214) }
```

Border

The CSS property to change the border of an element to XYZ 61.8910, 63.6268, 72.6375 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(213, 207, 214) }
```


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

```
.border{ border-color:rgb(213, 207, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 207, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 207, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 207, 214);  
box-shadow:4px 4px 4px 4px rgb(213, 207,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 61.8910, 63.6268, 72.6375 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 207, 214) }
```

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

```
.background{ background-color: rgb(213,  
207, 214) }
```

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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