

Converting Colors

XYZ(61.3936, 64.5902, 70.3393)

Have a look what the booklet for
XYZ(61.3936, 64.5902, 70.3393)
contains.

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Color

**XYZ(61.2578, 64.4480,
70.1838)**

Conversions

Conversions Part 1

Format	Color
Hex	D2D2D2
RGB	210, 210, 210
RGB Percent	82%, 82%, 82%
CMY	0.1765, 0.1765, 0.1765
CMYK	0.00, 0.00, 0.00, 0.18
HSL	121°, 0%, 82%
HSV	121°, 0%, 82%
XYZ	61.2578, 64.4480, 70.1838
YIQ	210.0000, 0.0000, 0.0000

Conversions

Conversions Part 2

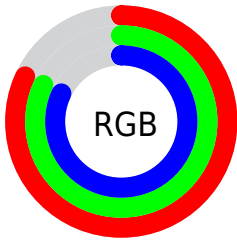
Format	Color
R _Y B	210, 210, 210
Decimal	13816530
CIE Lab	84.20, 0.00, -0.01
CIE LCh	84, 0.010, 296.677
Yxy	64.4480, 0.3127, 0.3290
Android (android.graphics.Color)	4292006610 (0xFFD2D2D2)
YUV	210.0000, 0.0000, 0.0000
Hunter-Lab	80.2795, -4.2836, 4.3618

Details

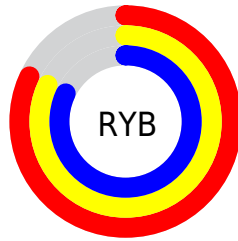
The XYZ color **61.2578, 64.4480, 70.1838** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.2602, 64.4497, 70.1874**, and the grayscale version is **61.2601, 64.4504, 70.1865**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **31.5995, 33.2452, 36.2040** is the 20% darker color. If you saturate the color by 10%, you get **53.2424, 60.5979, 57.1537**, and if you desaturate by 10%, it is **70.3981, 68.8428, 85.0261**.

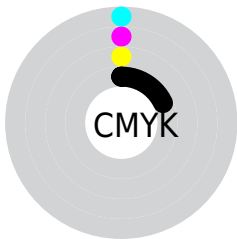
Distribution



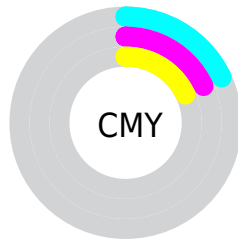
- Red (82%)
- Green (82%)
- Blue (82%)



- Red (82%)
- Yellow (82%)
- Blue (82%)



- Cyan (0%)
- Magenta (0%)
- Yellow (0%)
- Black (18%)



- Cyan (18%)
- Magenta (18%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.2578, 64.4480, 70.1838 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 61.2578, 64.4480, 70.1838 by changing the saturation by 10% instead.

■ 61.2578, 64.4480,
70.1838

■ 61.2578, 64.4480,
70.1838

418.9794,
440.8057, 480.0016

■ 44.6866, 47.0136,
51.1987

105.7481,
111.2559, 121.1544

■ 31.4109, 33.0464,
35.9889

134.3979,
141.3982, 153.9769

■ 21.0653, 22.1620,
24.1360

167.8047,
176.5452, 192.2490

■ 13.2844, 13.9760,
15.2214

206.3337,
217.0814, 236.3892

■ 7.7031, 8.1040,
8.8266

250.3503,
263.3912, 286.8160

■ 3.9557, 4.1615,
4.5330

300.2199,

■ 1.6771, 1.7643,

315.8589, 343.9480

1.9221

356.3078,
374.8689, 408.2037

■ 0.4419, 0.4648,
0.5067

■ 0.0000, 0.0000,
0.0000

■ 61.2578, 64.4480,
70.1838

■ 61.2578, 64.4480,
70.1838

■ 53.2424, 60.5979,
57.1537

■ 70.3981, 68.8428,
85.0261

■ 46.3032, 57.2633,
45.8624

■ 80.6987, 73.7936,
101.7418

■ 40.3961, 54.4250,
36.2377

■ 82.3379, 74.5757,
104.6626

■ 35.4718, 52.0592,
28.2006

■ 31.4771, 50.1404,
21.6659

■ 28.3535, 48.6403,
16.5404

■ 26.0361, 47.5278,
12.7205

■ 24.4509, 46.7672,
10.0883

■ 23.5104, 46.3165,
8.5048

Harmonies

Analogous

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



61.2556, 64.4480, 70.1851



61.2578, 64.4480, 70.1838



61.2594, 64.4480, 70.1796

Triad

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



61.2578, 64.4480, 70.1838



61.2582, 64.4480, 70.1627



61.2516, 64.4480, 70.1722

Complementary

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



61.2578, 64.4480, 70.1838



61.2602, 64.4497, 70.1874

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.



61.2523, 64.4480, 70.1662



61.2578, 64.4480, 70.1838



61.2561, 64.4480, 70.1608

Square

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



61.2578, 64.4480, 70.1838



61.2597, 64.4480, 70.1674



61.2540, 64.4480, 70.1620



61.2521, 64.4480, 70.1784

Rectangle

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



61.2578, 64.4480, 70.1838



61.2600, 64.4480, 70.1757



61.2540, 64.4480, 70.1620



61.2518, 64.4480, 70.1701

Sweetspot

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



61.2596, 64.4508, 70.1852

95.0500, 100.0000, 108.9000



61.2607, 64.4513, 70.1852



20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

Same Dimension

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



61.2596, 64.4508, 70.1852

95.0500, 100.0000, 108.9000



61.2599, 64.4509, 70.1864



13.3056, 13.9985, 15.2444



14.0672, 28.1198, 4.7342



0.7883, 1.5730, 0.2737

Inverse Universe

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



61.2602, 64.4497, 70.1874

95.0500, 100.0000, 108.9000



61.2600, 64.4496, 70.1862



13.3056, 13.9985, 15.2444



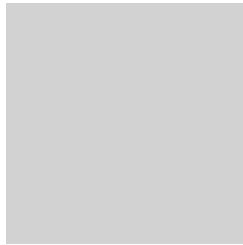
23.1532, 11.1341, 37.3087



1.2963, 0.6232, 2.0949

Previews

White Background



This preview shows how the XYZ color 61.2578, 64.4480, 70.1838 looks on a white background.

Color Contrast Check

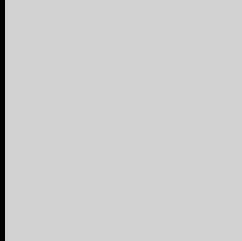
Large Text (above 18pt) WCAG AA × Fail

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 61.2578, 64.4480, 70.1838 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

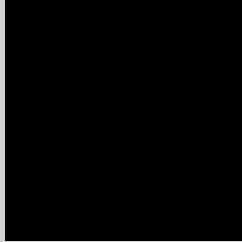
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

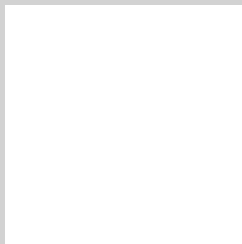
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.2578, 64.4480, 70.1838

Background



This preview shows how black text looks on a background with the XYZ color 61.2578, 64.4480, 70.1838.

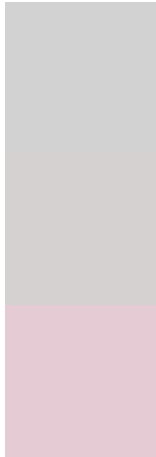


This preview shows how white text looks on a background with the XYZ color 61.2578, 64.4480,

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

61.2578, 64.4480, 70.1838

Protanopia

62.0406, 64.5005, 69.5016

Deuteranopia

65.4269, 64.0730, 70.5470



Tritanopia

63.1618, 64.4906, 79.6400

Trichromacy



Original Color

61.2578, 64.4480, 70.1838

Protanomaly

61.7497, 64.3505, 69.4879

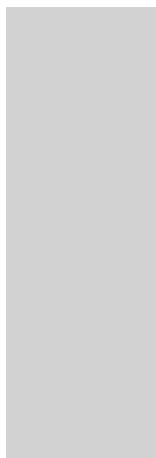
Deuteranomaly

63.9534, 64.3754, 70.6830

Tritanomaly

62.4506, 64.5643, 76.1885

Monochromacy



Original Color

61.2578, 64.4480, 70.1838

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

61.2578, 64.4480, 70.1838

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.2578, 64.4480, 70.1838 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(210, 210, 210) looks like.

```
.text, #text, p{  
    color:rgb(210, 210, 210)  
}
```

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(210, 210, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 210, 210) }
```

Border

The CSS property to change the border of an element to XYZ 61.2578, 64.4480, 70.1838 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(210, 210, 210) }
```

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

```
.border{ border-color:rgb(210, 210, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 210, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 210, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 210, 210);  
box-shadow:4px 4px 4px 4px rgb(210, 210,  
210) }
```


Background

The CSS property to change the background color of an element to XYZ 61.2578, 64.4480, 70.1838 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 210, 210) }
```

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

```
.background{ background-color: rgb(210,  
210, 210) }
```

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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