

Converting Colors

XYZ(61.6136, 64.7804, 70.9725)

Have a look what the booklet for
XYZ(61.6136, 64.7804, 70.9725)
contains.

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Color

**XYZ(61.3828, 64.4980,
70.8421)**

Conversions

Conversions Part 1

Format	Color
Hex	D2D2D3
RGB	210, 210, 211
RGB Percent	82%, 82%, 83%
CMY	0.1765, 0.1765, 0.1725
CMYK	0.00, 0.00, 0.00, 0.17
HSL	240°, 1%, 83%
HSV	240°, 0%, 83%
XYZ	61.3828, 64.4980, 70.8421
YIQ	210.1140, -0.3210, 0.3110

Conversions

Conversions Part 2

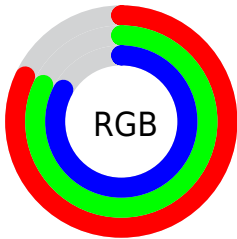
Format	Color
R _Y B	210, 210, 211
Decimal	13816531
CIE Lab	84.22, 0.19, -0.50
CIE LCh	84, 0.536, 290.343
Yxy	64.4980, 0.3120, 0.3279
Android (android.graphics.Color)	4292006611 (0xFFD2D2D3)
YUV	210.1140, 0.4368, -0.1000
Hunter-Lab	80.3106, -4.1130, 3.9177

Details

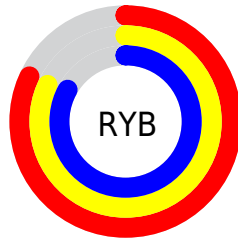
The XYZ color **61.3828, 64.4980, 70.8421** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.7911, 65.0897, 70.2805**, and the grayscale version is **61.3324, 64.5264, 70.2693**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **31.6846, 33.2792, 36.6519** is the 20% darker color. If you saturate the color by 10%, you get **50.9140, 51.8978, 68.9628**, and if you desaturate by 10%, it is **73.3290, 78.8754, 72.9886**.

Distribution



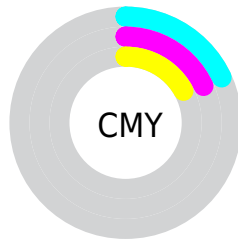
- Red (82%)
- Green (82%)
- Blue (83%)



- Red (82%)
- Yellow (82%)
- Blue (83%)



- Cyan (0%)
- Magenta (0%)
- Yellow (0%)
- Black (17%)



- Cyan (18%)
- Magenta (18%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.3828, 64.4980, 70.8421 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 61.3828, 64.4980, 70.8421 by changing the saturation by 10% instead.

■ 61.3828, 64.4980,
70.8421

■ 61.3828, 64.4980,
70.8421

419.4297,
440.9858, 482.3700

■ 44.7879, 47.0541,
51.7323

105.9280,
111.3278, 122.1012

■ 31.4910, 33.0785,
36.4110

134.6090,
141.4826, 155.0876

■ 21.1266, 22.1866,
24.4596

168.0493,
176.6431, 193.5367

■ 13.3296, 13.9940,
15.4595

206.6145,
217.1938, 237.8669

■ 7.7345, 8.1165,
8.9923

250.6697,
263.5190, 288.4967

■ 3.9759, 4.1696,
4.6394

300.5804,

■ 1.6885, 1.7689,

316.0031, 345.8449

1.9823

356.7120,
375.0306, 410.3298

■ 0.4491, 0.4677,
0.5444

■ 0.0000, 0.0000,
0.0000

■ 61.3828, 64.4980,
70.8421

■ 61.3828, 64.4980,
70.8421

■ 50.9140, 51.8978,
68.9628

■ 73.3290, 78.8754,
72.9886

■ 41.8601, 40.9980,
67.3361

■ 86.8011, 95.0865,
75.4076

■ 34.1619, 31.7283,
65.9526

■ 88.7580, 97.4832,
75.7670

■ 27.7543, 24.0103,
64.8006

■ 22.5668, 17.7593,
63.8674

■ 18.5218, 12.8826,
63.1393

■ 15.5333, 9.2765,
62.6008

■ 13.5028, 6.8233,
62.2343

■ 12.3134, 5.3826,
62.0189

Harmonies

Analogous

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



61.2651, 64.4980, 70.8738



61.3828, 64.4980, 70.8421



61.4793, 64.4980, 70.6454

Triad

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



61.3828, 64.4980, 70.8421



61.4492, 64.4980, 69.7253



61.0787, 64.4980, 70.1177

Complementary

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



61.3828, 64.4980, 70.8421



61.7911, 65.0897, 70.2805

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.



61.1278, 64.4980, 69.8110



61.3828, 64.4980, 70.8421



61.3417, 64.4980, 69.5849

Square

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



61.3828, 64.4980, 70.8421



61.5177, 64.4980, 70.0003



61.2241, 64.4980, 69.6162



61.0896, 64.4980, 70.4549

Rectangle

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



61.3828, 64.4980, 70.8421



61.5186, 64.4980, 70.4475



61.2241, 64.4980, 69.6162



61.0887, 64.4980, 70.0077

Sweetspot

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



61.3846, 64.5008, 70.8435

95.0500, 100.0000, 108.9000



61.6293, 64.9934, 70.9148



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.



61.3846, 64.5008, 70.8435



93.3130, 97.9094, 108.5880



61.5215, 64.5700, 70.8496



13.0793, 13.7261, 15.2037



7.1027, 2.8521, 37.3686



0.3984, 0.1620, 2.0898

Inverse Universe

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



61.5448, 64.5963, 70.2007



93.8355, 98.2212, 106.4907



61.6537, 65.0202, 70.2743



13.1473, 13.7668, 14.9305



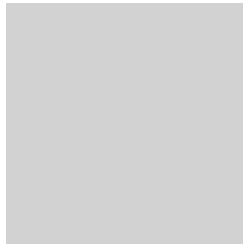
16.2159, 8.3592, 0.7770



0.9073, 0.4677, 0.0468

Previews

White Background



This preview shows how the XYZ color 61.3828, 64.4980, 70.8421 looks on a white background.

Color Contrast Check

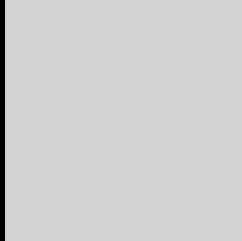
Large Text (above 18pt) WCAG AA × Fail

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 61.3828, 64.4980, 70.8421 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

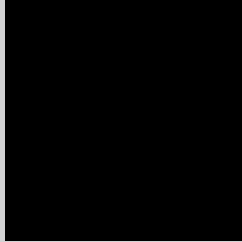
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

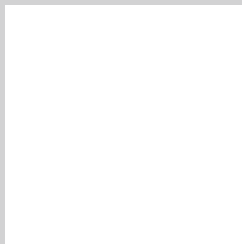
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.3828, 64.4980, 70.8421

Background



This preview shows how black text looks on a background with the XYZ color 61.3828, 64.4980, 70.8421.

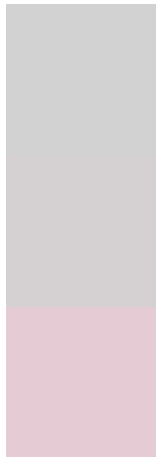


This preview shows how white text looks on a background with the XYZ color 61.3828, 64.4980,

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

61.3828, 64.4980, 70.8421

Protanopia

61.8739, 64.4002, 70.1421

Deuteranopia

65.5527, 64.1234, 71.2094



Tritanopia

63.1618, 64.4906, 79.6400

Trichromacy



Original Color

61.3828, 64.4980, 70.8421

Protanomaly

61.5847, 64.2511, 70.1286

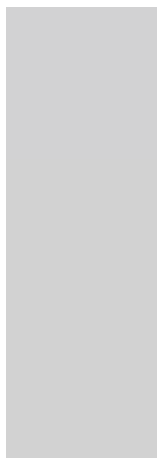
Deuteranomaly

64.0792, 64.4257, 71.3454

Tritanomaly

62.4506, 64.5643, 76.1885

Monochromacy



Original Color

61.3828, 64.4980, 70.8421

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 61.3828, 64.4980, 70.8421 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, 211) looks like.

```
.text, #text, p{  
    color:rgb(210, 210, 211)  
}
```

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, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 210, 211) }
```

Border

The CSS property to change the border of an element to XYZ 61.3828, 64.4980, 70.8421 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, 211) }
```

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

```
.border{ border-color:rgb(210, 210, 211) }
```

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, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 210, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 210, 211);  
box-shadow:4px 4px 4px 4px rgb(210, 210,  
211) }
```


Background

The CSS property to change the background color of an element to XYZ 61.3828, 64.4980, 70.8421 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, 211) }
```

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

```
.background{ background-color: rgb(210,  
210, 211) }
```

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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