

Converting Colors

XYZ(60.2250, 61.7964, 69.5130)

Have a look what the booklet for
XYZ(60.2250, 61.7964, 69.5130)
contains.

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Color

**XYZ(60.3771, 61.8359,
69.7261)**

Conversions

Conversions Part 1

Format	Color
Hex	D4CCD2
RGB	212, 204, 210
RGB Percent	83%, 80%, 82%
CMY	0.1686, 0.2000, 0.1765
CMYK	0.00, 0.04, 0.01, 0.17
HSL	315°, 9%, 82%
HSV	315°, 4%, 83%
XYZ	60.3771, 61.8359, 69.7261
YIQ	207.0760, 2.8420, 3.5620

Conversions

Conversions Part 2

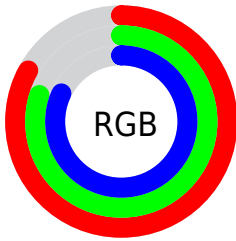
Format	Color
RYB	212, 204, 210
Decimal	13946066
CIELab	82.83, 3.84, -2.00
CIELCh	83, 4.329, 332.504
Yxy	61.8359, 0.3146, 0.3222
Android (android.graphics.Color)	4292136146 (0xFFD4CCD2)
YUV	207.0760, 1.4415, 4.3183
Hunter-Lab	78.6358, -0.5592, 2.4728

Details

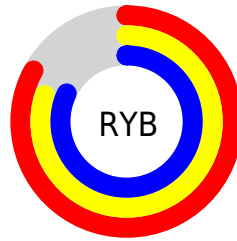
The XYZ color **60.3771, 61.8359, 69.7261** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.5882, 64.3822, 67.6820**, and the grayscale version is **59.3483, 62.4391, 67.9962**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **30.8117, 31.3811, 35.8857** is the 20% darker color. If you saturate the color by 10%, you get **55.0282, 52.1770, 64.7383**, and if you desaturate by 10%, it is **66.4373, 72.8806, 75.0605**.

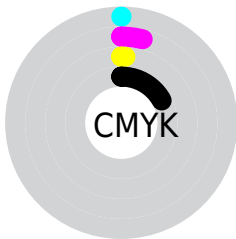
Distribution



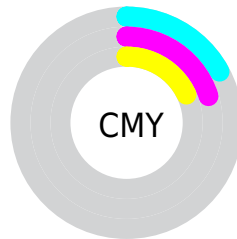
- Red (83%)
- Green (80%)
- Blue (82%)



- Red (83%)
- Yellow (80%)
- Blue (82%)



- Cyan (0%)
- Magenta (4%)
- Yellow (1%)
- Black (17%)



- Cyan (17%)
- Magenta (20%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.3771, 61.8359, 69.7261 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 60.3771, 61.8359, 69.7261 by changing the saturation by 10% instead.

■ 60.3771, 61.8359,
69.7261

■ 60.3771, 61.8359,
69.7261

415.7989,
431.3323, 478.3508

■ 43.9733, 44.9001,
50.8278

104.4797,
107.4883, 120.4955

■ 30.8473, 31.3788,
35.6958

132.9093,
136.9738, 153.2038

■ 20.6339, 20.8874,
23.9116

166.0781,
171.4112, 191.3524

■ 12.9676, 13.0417,
15.0564

204.3515,
211.1850, 235.3600

■ 7.4831, 7.4573,
8.7119

248.0950,
256.6797, 285.6451

■ 3.8150, 3.7497,
4.4595

297.6738,

■ 1.5980, 1.5346,

308.2795, 342.6263

1.8807

353.4533,
366.3689, 406.7220

■ 0.3911, 0.3129,
0.4804

■ 0.0000, 0.0000,
0.0000

■ 60.3771, 61.8359,
69.7261

■ 60.3771, 61.8359,
69.7261

■ 55.0282, 52.1770,
64.7383

■ 66.4373, 72.8806,
75.0605

■ 50.3575, 43.8408,
60.0828

■ 73.2296, 85.3551,
80.7472

■ 46.3373, 36.7712,
55.7500

■ 76.6266, 91.0032,
85.4122

■ 42.9357, 30.9047,
51.7283

■ 77.3653, 91.2987,
89.3021

40.1182, 26.1728,
48.0051

78.1267, 91.6032,
93.3115

37.8467, 22.4995,
44.5666

78.9110, 91.9169,
97.4414

36.0786, 19.8001,
41.3974

79.7184, 92.2399,
101.6930

34.7645, 17.9762,
38.4801

80.5490, 92.5722,
106.0672

33.8449, 16.9090,
35.7936

80.9618, 92.7373,
108.2407

Harmonies

Analogous

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



59.7414, 61.8359, 71.7504



60.3771, 61.8359, 69.7261



60.5817, 61.8359, 67.1048

Triad

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



60.3771, 61.8359, 69.7261



58.6949, 61.8359, 62.3306



57.2748, 61.8359, 70.1244

Complementary

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



60.3771, 61.8359, 69.7261



59.5882, 64.3822, 67.6820

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.



57.0010, 61.8359, 67.5532



60.3771, 61.8359, 69.7261



57.8155, 61.8359, 63.0927

Square

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



60.3771, 61.8359, 69.7261



59.6044, 61.8359, 62.8782



57.1979, 61.8359, 64.9871



57.9497, 61.8359, 71.9845

Rectangle

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



60.3771, 61.8359, 69.7261



60.4443, 61.8359, 65.3835



57.1979, 61.8359, 64.9871



57.1331, 61.8359, 69.3122

Sweetspot

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



60.3789, 61.8386, 69.7274



94.1394, 98.3428, 108.0907



58.9326, 61.0640, 70.9687



20.1593, 21.0669, 23.1444



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.



60.3789, 61.8386, 69.7274



90.6074, 91.9295, 104.9073



59.8869, 61.6418, 67.1368



13.2727, 13.4063, 15.3859



20.6661, 10.2028, 21.3435



1.2787, 0.6283, 1.4568

Inverse Universe

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



60.3789, 61.8386, 69.7274



90.6074, 91.9295, 104.9073



60.0802, 64.5790, 70.2727



13.2727, 13.4063, 15.3859



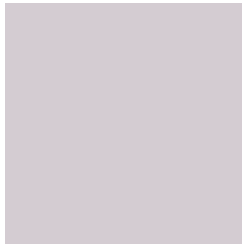
20.6661, 10.2028, 21.3435



1.2787, 0.6283, 1.4568

Previews

White Background



This preview shows how the XYZ color 60.3771, 61.8359, 69.7261 looks on a white background.

Color Contrast Check

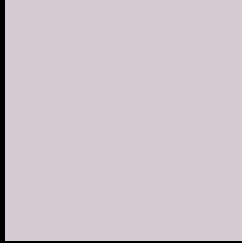
Large Text (above 18pt) WCAG AA × Fail

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 60.3771, 61.8359, 69.7261 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

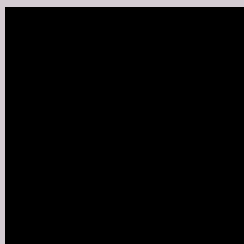
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

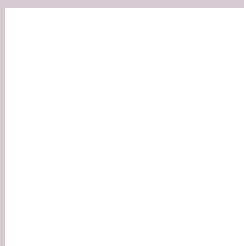
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.3771, 61.8359, 69.7261

Background



This preview shows how black text looks on a background with the XYZ color 60.3771, 61.8359, 69.7261.

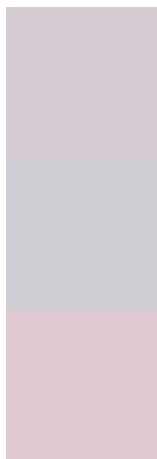


This preview shows how white text looks on a background with the XYZ color 60.3771, 61.8359,

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

60.3771, 61.8359, 69.7261

Protanopia

59.6016, 61.7757, 70.4106

Deuteranopia

63.1526, 61.8590, 70.2395



Tritanopia

61.5827, 61.9725, 75.7340

Trichromacy



Original Color

60.3771, 61.8359, 69.7261

Protanomaly

59.8837, 61.9211, 70.4238

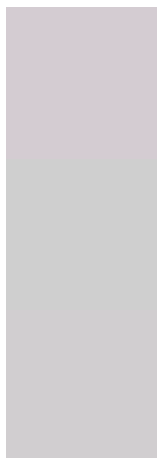
Deuteranomaly

62.1597, 61.6921, 70.2596

Tritanomaly

61.1912, 61.8159, 73.6723

Monochromacy



Original Color

60.3771, 61.8359, 69.7261

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

59.7510, 62.2520, 68.5411

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.3771, 61.8359, 69.7261 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(212, 204, 210) looks like.

```
.text, #text, p{  
    color:rgb(212, 204, 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(212, 204, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 204, 210) }
```

Border

The CSS property to change the border of an element to XYZ 60.3771, 61.8359, 69.7261 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(212, 204, 210) }
```


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

```
.border{ border-color:rgb(212, 204, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 204, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 204, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 204, 210);  
box-shadow:4px 4px 4px 4px rgb(212, 204,  
210) }
```

Background

The CSS property to change the background color of an element to XYZ 60.3771, 61.8359, 69.7261 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 204, 210) }
```

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

```
.background{ background-color: rgb(212,  
204, 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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