

Converting Colors

XYZ(60.8990, 58.3162, 70.9972)

Have a look what the booklet for
XYZ(60.8990, 58.3162, 70.9972)
contains.

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Color

**XYZ(60.8990, 58.3162,
70.9972)**

Conversions

Conversions Part 1

Format	Color
Hex	DDC1D5
RGB	221, 193, 213
RGB Percent	87%, 76%, 84%
CMY	0.1333, 0.2431, 0.1647
CMYK	0.00, 0.13, 0.04, 0.13
HSL	317°, 29%, 81%
HSV	317°, 13%, 87%
XYZ	60.8990, 58.3162, 70.9972
YIQ	203.6520, 10.2680, 12.1560

Conversions

Conversions Part 2

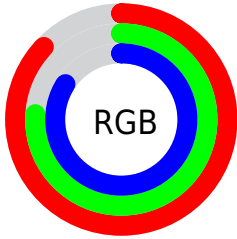
Format	Color
R _Y B	221, 193, 213
Decimal	14533077
CIE Lab	80.91, 13.32, -6.34
CIE LCh	81, 14.746, 334.553
Yxy	58.3162, 0.3202, 0.3066
Android (android.graphics.Color)	4292723157 (0xFFDDC1D5)
YUV	203.6520, 4.6086, 15.2142
Hunter-Lab	76.3650, 8.7100, -1.6669

Details

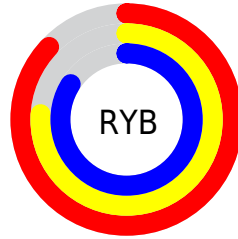
The XYZ color **60.8990, 58.3162, 70.9972** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.3937, 67.2690, 65.1681**, and the grayscale version is **57.1437, 60.1196, 65.4702**.

A 20% lighter version of the original color is **93.4756, 96.8512, 108.3752**, and **31.1301, 29.0409, 36.3125** is the 20% darker color. If you saturate the color by 10%, you get **55.5883, 48.9520, 65.3493**, and if you desaturate by 10%, it is **66.9743, 69.1581, 77.0554**.

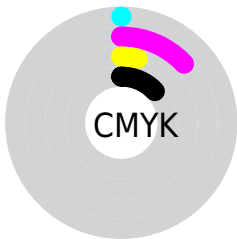
Distribution



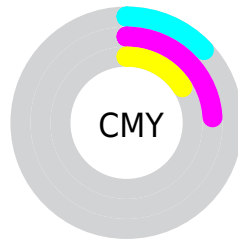
- Red (87%)
- Green (76%)
- Blue (84%)



- Red (87%)
- Yellow (76%)
- Blue (84%)



- Cyan (0%)
- Magenta (13%)
- Yellow (4%)
- Black (13%)





- Cyan (13%)
- Magenta (24%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.8990, 58.3162, 70.9972 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 60.8990, 58.3162, 70.9972 by changing the saturation by 10% instead.


 60.8990, 58.3162,
70.9972

 60.8990, 58.3162,
70.9972


417.6854,
418.3631, 482.9270

 44.3959, 42.0629,
51.8581


 105.2316,
102.3832, 122.3242

 31.1811, 29.1506,
36.5105


133.7919,
130.9656, 155.3491

 20.8893, 19.1947,
24.5359


167.1018,
164.4266, 193.8397

 13.1551, 11.8111,
15.5158

205.5269,
203.1505, 238.2146

 7.6132, 6.6152,
9.0315

249.4325,
247.5217, 288.8922

 3.8982, 3.2226,
4.6647

299.1838,

 1.6447, 1.2490,

297.9246, 346.2911

1.9966

355.1464,
354.7436, 410.8299

■ 0.4213, 0.1012,
0.5532

■ 0.0000, 0.0000,
0.0000

■ 60.8990, 58.3162,
70.9972

■ 60.8990, 58.3162,
70.9972

■ 55.5883, 48.9520,
65.3493

■ 66.9743, 69.1581,
77.0554

■ 51.0045, 40.9931,
60.0953

■ 73.8399, 81.5306,
83.5320

■ 47.1143, 34.3725,
55.2230

■ 80.1371, 92.7155,
89.9766

■ 43.8797, 29.0148,
50.7181

■ 81.0503, 93.0808,
94.7856

41.2589, 24.8370,
46.5646

81.9961, 93.4591,
99.7660

39.2050, 21.7461,
42.7452

82.9748, 93.8506,
104.9197

37.6642, 19.6350,
39.2400

83.6292, 94.1123,
108.3655

36.5718, 18.3747,
36.0255

35.9777, 17.8358,
33.8261

Harmonies

Analogous

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



58.8241, 58.3162, 78.3729



60.8990, 58.3162, 70.9972



61.4875, 58.3162, 62.1714

Triad

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



60.8990, 58.3162, 70.9972



54.9632, 58.3162, 48.1694



50.7325, 58.3162, 73.5163

Complementary

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



60.8990, 58.3162, 70.9972



58.3937, 67.2690, 65.1681

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.



49.7799, 58.3162, 64.8402



60.8990, 58.3162, 70.9972



52.1648, 58.3162, 50.6327

Square

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



60.8990, 58.3162, 70.9972



57.9885, 58.3162, 49.4939



50.2945, 58.3162, 56.5435



52.9437, 58.3162, 79.9184

Rectangle

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



60.8990, 58.3162, 70.9972



60.9403, 58.3162, 56.7640



50.2945, 58.3162, 56.5435



50.2582, 58.3162, 70.7412

Sweetspot

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



60.9007, 58.3187, 70.9985



91.4161, 93.4775, 105.3912



56.1930, 55.7716, 76.2108



19.4248, 19.7537, 22.4191



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.



60.9007, 58.3187, 70.9985



82.3282, 77.2928, 96.2234



59.2073, 57.6414, 62.0814



13.4475, 13.2081, 15.6176



20.9508, 10.3814, 19.9187



1.3937, 0.6871, 1.4822

Inverse Universe

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



60.9007, 58.3187, 70.9985



82.3282, 77.2928, 96.2234



60.1079, 67.9547, 74.1950



13.4475, 13.2081, 15.6176



20.9508, 10.3814, 19.9187



1.3937, 0.6871, 1.4822

Previews

White Background



This preview shows how the XYZ color 60.8990, 58.3162, 70.9972 looks on a white background.

Color Contrast Check

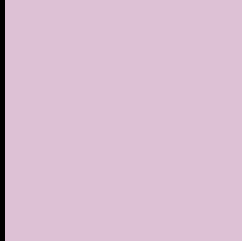
Large Text (above 18pt) WCAG AA × Fail

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 60.8990, 58.3162, 70.9972 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

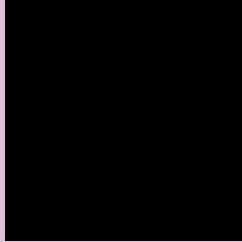
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.8990, 58.3162, 70.9972

Background



This preview shows how black text looks on a background with the XYZ color 60.8990, 58.3162, 70.9972.



This preview shows how white text looks on a background with the XYZ color 60.8990, 58.3162,

70.9972.

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

60.8990, 58.3162, 70.9972

Protanopia

56.9981, 58.5977, 73.9520

Deuteranopia

59.5497, 58.2814, 71.0616



Tritanopia

60.3156, 58.4027, 68.4155

Trichromacy



Original Color

60.8990, 58.3162, 70.9972

Protanomaly

58.3733, 58.3003, 73.1422

Deuteranomaly

59.9173, 58.1394, 71.0148

Tritanomaly

60.4398, 58.4524, 69.0697

Monochromacy



Original Color

60.8990, 58.3162, 70.9972

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

58.4951, 59.5152, 67.4360

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.8990, 58.3162, 70.9972 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(221, 193, 213)` looks like.

```
.text, #text, p{  
    color:rgb(221, 193, 213)  
}
```

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(221, 193, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 193, 213) }
```

Border

The CSS property to change the border of an element to XYZ 60.8990, 58.3162, 70.9972 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(221, 193, 213) }
```


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

```
.border{ border-color:rgb(221, 193, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 193, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 193, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 193, 213);  
box-shadow:4px 4px 4px 4px rgb(221, 193,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 60.8990, 58.3162, 70.9972 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 193, 213) }
```

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

```
.background{ background-color: rgb(221,  
193, 213) }
```

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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