

Converting Colors

XYZ(59.1250, 61.2811, 72.6532)

Have a look what the booklet for
XYZ(59.1250, 61.2811, 72.6532)
contains.

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Color

**XYZ(58.9073, 61.0199,
72.2916)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | CDCCD6 |
| RGB | 205, 204, 214 |
| RGB Percent | 80%, 80%, 84% |
| CMY | 0.1961, 0.2000, 0.1608 |
| CMYK | 0.04, 0.05, 0.00, 0.16 |
| HSL | 246°, 11%, 82% |
| HSV | 246°, 5%, 84% |
| XYZ | 58.9073, 61.0199, 72.2916 |
| YIQ | 205.4390, -2.6140, 3.3220 |

Conversions

Conversions Part 2

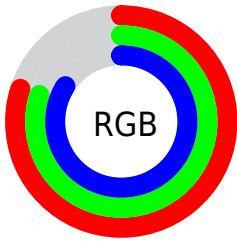
| Format | Color |
|-------------------------------------|------------------------------|
| RYB | 205, 204, 214 |
| Decimal | 13487318 |
| CIELab | 82.39, 2.21, -4.84 |
| CIELCh | 82, 5.319, 294.499 |
| Yxy | 61.0199, 0.3065, 0.3175 |
| Android (android.graphics.Color) | 4291677398 (0xFFCDD6) |
| YUV | 205.4390, 4.2206, -0.3850 |
| Hunter-Lab | 78.1152, -2.0934, -0.1892 |

Details

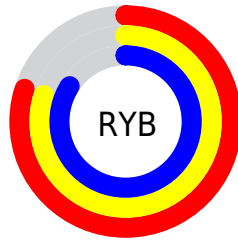
The XYZ color **58.9073, 61.0199, 72.2916** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.3885, 66.6005, 66.6967**, and the grayscale version is **58.2845, 61.3198, 66.7773**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **29.9269, 30.8952, 37.1869** is the 20% darker color. If you saturate the color by 10%, you get **49.1753, 48.9652, 70.4787**, and if you desaturate by 10%, it is **69.9962, 74.8149, 74.3708**.

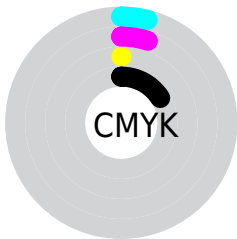
Distribution



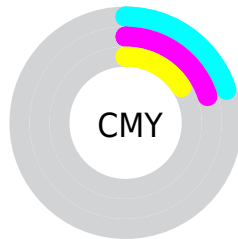
- Red (80%)
- Green (80%)
- Blue (84%)



- Red (80%)
- Yellow (80%)
- Blue (84%)



- Cyan (4%)
- Magenta (5%)
- Yellow (0%)
- Black (16%)



- Cyan (20%)
- Magenta (20%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.9073, 61.0199, 72.2916 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 58.9073, 61.0199, 72.2916 by changing the saturation by 10% instead.

■ 58.9073, 61.0199,
72.2916

■ 58.9073, 61.0199,
72.2916

410.4579,
428.3470, 487.5607

■ 42.7846, 44.2412,
52.9086

102.3583,
106.3077, 124.1826

■ 29.9099, 30.8602,
37.3426

130.4173,
135.5857, 157.5277

■ 19.9180, 20.4924,
25.1750

163.1858,
169.7989, 196.3639

■ 12.4433, 12.7535,
15.9873

201.0291,
209.3317, 241.1098

■ 7.1207, 7.2590,
9.3609

244.3127,
254.5685, 292.1839

■ 3.5847, 3.6246,
4.8773

293.4017,

■ 1.4700, 1.4659,

305.8937, 350.0047

2.1180

348.6617,
363.6918, 414.9908

■ 0.3053, 0.2645,
0.6264

■ 0.0000, 0.0000,
0.0000

■ 58.9073, 61.0199,
72.2916

■ 58.9073, 61.0199,
72.2916

■ 49.1753, 48.9652,
70.4787

■ 69.9962, 74.8149,
74.3708

■ 40.7428, 38.5742,
68.9174

■ 82.4858, 90.4074,
76.7222

■ 33.5563, 29.7760,
67.5980

■ 89.1378, 97.6351,
77.7667

■ 27.5564, 22.4916,
66.5082

■ 22.6790, 16.6356,
65.6349

■ 18.8537, 12.1135,
64.9637

■ 16.0021, 8.8197,
64.4782

■ 14.0349, 6.6324,
64.1597

■ 12.8456, 5.4046,
63.9854

Harmonies

Analogous

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



57.7886, 61.0199, 72.8579



58.9073, 61.0199, 72.2916



59.7925, 61.0199, 70.1364

Triad

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



58.9073, 61.0199, 72.2916



59.2742, 61.0199, 61.4807



55.8523, 61.0199, 65.8430

Complementary

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



58.9073, 61.0199, 72.2916



62.3885, 66.6005, 66.6967

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.



56.2390, 61.0199, 62.8764



58.9073, 61.0199, 72.2916



58.2070, 61.0199, 60.4110

Square

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



58.9073, 61.0199, 72.2916



60.0062, 61.0199, 63.8820



57.0973, 61.0199, 60.9136



56.0343, 61.0199, 69.0660

Rectangle

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



58.9073, 61.0199, 72.2916



60.1261, 61.0199, 68.1247



57.0973, 61.0199, 60.9136



55.9199, 61.0199, 64.7839

Sweetspot

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



58.9091, 61.0225, 72.2929



93.4023, 97.9510, 108.5913



60.8776, 65.3664, 73.0276



20.0093, 20.9871, 23.2463



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.



58.9091, 61.0225, 72.2929



85.4745, 88.1042, 107.1086



60.2635, 61.7207, 72.3563



12.4727, 12.8314, 15.7568



7.5682, 3.0541, 38.6438



0.4966, 0.2049, 2.3327

Inverse Universe

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



61.3368, 62.2887, 71.7440



90.1172, 90.5258, 106.0488



61.0069, 65.8883, 66.6321



13.2145, 13.2183, 15.5869



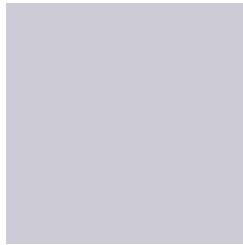
22.5792, 10.9680, 31.4180



1.3777, 0.6679, 1.9782

Previews

White Background



This preview shows how the XYZ color 58.9073, 61.0199, 72.2916 looks on a white background.

Color Contrast Check

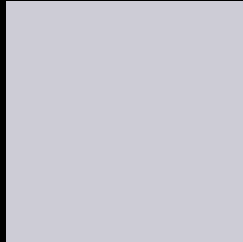
Large Text (above 18pt) WCAG AA × Fail

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 58.9073, 61.0199, 72.2916 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

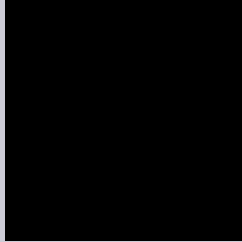
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

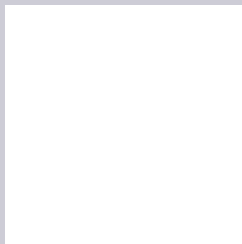
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.9073, 61.0199, 72.2916

Background



This preview shows how black text looks on a background with the XYZ color 58.9073, 61.0199, 72.2916.

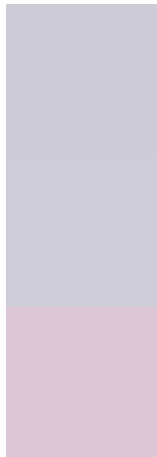


This preview shows how white text looks on a background with the XYZ color 58.9073, 61.0199,

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

58.9073, 61.0199, 72.2916

Protanopia

59.1841, 61.1626, 72.3046

Deuteranopia

62.2044, 60.9688, 72.7796



Tritanopia

59.5957, 60.9482, 75.6410

Trichromacy



Original Color

58.9073, 61.0199, 72.2916

Protanomaly

59.1841, 61.1626, 72.3046

Deuteranomaly

61.1767, 61.1267, 72.8642

Tritanomaly

59.3339, 60.8434, 74.2624

Monochromacy



Original Color

58.9073, 61.0199, 72.2916

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

58.3933, 61.1958, 68.4088

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.9073, 61.0199, 72.2916 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(205, 204, 214) looks like.

```
.text, #text, p{  
    color:rgb(205, 204, 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(205, 204, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 204, 214) }
```

Border

The CSS property to change the border of an element to XYZ 58.9073, 61.0199, 72.2916 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(205, 204, 214) }
```


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

```
.border{ border-color:rgb(205, 204, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 204, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 204, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 204, 214);  
box-shadow:4px 4px 4px 4px rgb(205, 204,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 58.9073, 61.0199, 72.2916 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 204, 214) }
```

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

```
.background{ background-color: rgb(205,  
204, 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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