

Converting Colors

XYZ(61.2100, 61.4549, 72.9189)

Have a look what the booklet for
XYZ(61.2100, 61.4549, 72.9189)
contains.

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Color

**XYZ(61.1178, 61.4435,
72.9285)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | D6CAD7 |
| RGB | 214, 202, 215 |
| RGB Percent | 84%, 79%, 84% |
| CMY | 0.1608, 0.2078, 0.1569 |
| CMYK | 0.00, 0.06, 0.00, 0.16 |
| HSL | 295°, 14%, 82% |
| HSV | 295°, 6%, 84% |
| XYZ | 61.1178, 61.4435, 72.9285 |
| YIQ | 207.0700, 2.9790, 6.5870 |

Conversions

Conversions Part 2

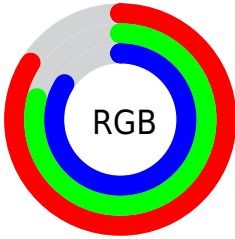
| Format | Color |
|-------------------------------------|-----------------------------|
| R _Y B | 214, 202, 215 |
| Decimal | 14076631 |
| CIE Lab | 82.62, 6.49, -4.96 |
| CIE LCh | 83, 8.171, 322.628 |
| Yxy | 61.4435, 0.3126, 0.3143 |
| Android (android.graphics.Color) | 4292266711 (0xFFD6CAD7) |
| YUV | 207.0700, 3.9095, 6.0776 |
| Hunter-Lab | 78.3859, 2.0018, -0.2920 |

Details

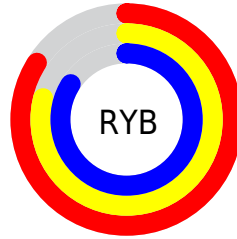
The XYZ color **61.1178, 61.4435, 72.9285** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.5921, 65.5633, 65.3944**, and the grayscale version is **59.3290, 62.4188, 67.9740**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **31.2331, 31.0888, 37.6123** is the 20% darker color. If you saturate the color by 10%, you get **55.9408, 51.8018, 71.3412**, and if you desaturate by 10%, it is **67.0061, 72.4986, 74.7529**.

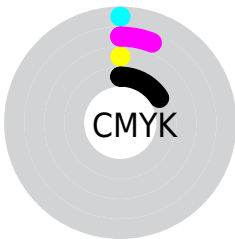
Distribution



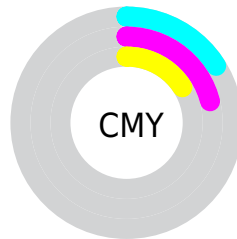
- Red (84%)
- Green (79%)
- Blue (84%)



- Red (84%)
- Yellow (79%)
- Blue (84%)



- Cyan (0%)
- Magenta (6%)
- Yellow (0%)
- Black (16%)



- Cyan (16%)
- Magenta (21%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.1178, 61.4435, 72.9285 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 61.1178, 61.4435, 72.9285 by changing the saturation by 10% instead.

■ 61.1178, 61.4435,
72.9285

■ 61.1178, 61.4435,
72.9285

418.4748,
429.8983, 489.8311

■ 44.5731, 44.5832,
53.4260

105.5466,
106.9208, 125.0957

■ 31.3212, 31.1292,
37.7529

134.1615,
136.3066, 158.5975

■ 20.9966, 20.6973,
25.4906

167.5305,
170.6364, 197.6028

■ 13.2339, 12.9029,
16.2206

206.0190,
210.2945, 242.5302

■ 7.6679, 7.3617,
9.5244

249.9923,
255.6653, 293.7981

■ 3.9332, 3.6893,
4.9833

299.8158,

■ 1.6644, 1.5013,

307.1333, 351.8253

2.1789

355.8549,
365.0828, 417.0301

■ 0.4338, 0.2897,
0.6622

■ 0.0000, 0.0000,
0.0000

■ 61.1178, 61.4435,
72.9285

■ 61.1178, 61.4435,
72.9285

■ 55.9408, 51.8018,
71.3412

■ 67.0061, 72.4986,
74.7529

■ 51.4408, 43.5078,
69.9775

■ 73.6275, 85.0137,
76.8196

■ 47.5888, 36.5024,
68.8284

■ 77.2287, 91.4809,
77.8781

■ 44.3513, 30.7189,
67.8827

■ 77.7288, 91.7388,
77.9015

41.6921, 26.0849,
67.1284

78.2339, 91.9992,
77.9251

39.5711, 22.5200,
66.5521

78.7440, 92.2621,
77.9490

37.9430, 19.9336,
66.1386

79.2591, 92.5276,
77.9731

36.7548, 18.2202,
65.8706

79.7791, 92.7957,
77.9975

35.9411, 17.2484,
65.7259

80.3042, 93.0664,
78.0220

Harmonies

Analogous

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



59.7056, 61.4435, 76.2051



61.1178, 61.4435, 72.9285



61.8043, 61.4435, 68.1467

Triad

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



61.1178, 61.4435, 72.9285



58.8334, 61.4435, 57.7846



55.3464, 61.4435, 70.6816

Complementary

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



61.1178, 61.4435, 72.9285



59.5921, 65.5633, 65.3944

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.



55.1234, 61.4435, 65.6716



61.1178, 61.4435, 72.9285



57.1140, 61.4435, 58.3878

Square

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



61.1178, 61.4435, 72.9285



60.4684, 61.4435, 59.5253



55.7644, 61.4435, 61.2161



56.3797, 61.4435, 74.8633

Rectangle

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



61.1178, 61.4435, 72.9285



61.7486, 61.4435, 64.8149



55.7644, 61.4435, 61.2161



55.1751, 61.4435, 69.0325

Sweetspot

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



61.1196, 61.4461, 72.9298



93.3003, 96.7147, 108.3581



58.0012, 60.2171, 72.8570



19.9884, 20.7353, 23.1988



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.



61.1196, 61.4461, 72.9298



89.1141, 88.8757, 107.0656



60.7278, 61.3233, 69.3387



13.0731, 12.9901, 15.7558



21.3787, 10.1736, 39.2901



1.3181, 0.6284, 2.3711

Inverse Universe

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



59.9266, 61.0028, 65.1194



87.0773, 88.1191, 93.7120



59.9732, 65.6844, 68.8186



12.7544, 12.8718, 13.6647



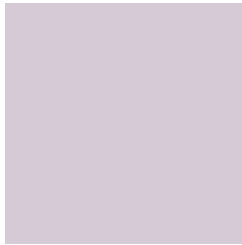
16.8355, 8.6705, 1.1720



1.0293, 0.5285, 0.1436

Previews

White Background



This preview shows how the XYZ color 61.1178, 61.4435, 72.9285 looks on a white background.

Color Contrast Check

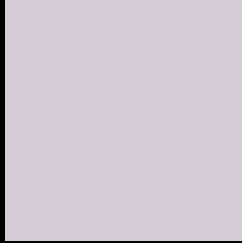
Large Text (above 18pt) WCAG AA × Fail

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 61.1178, 61.4435, 72.9285 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

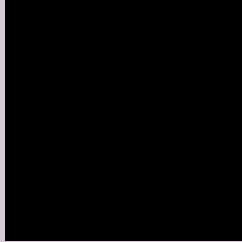
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

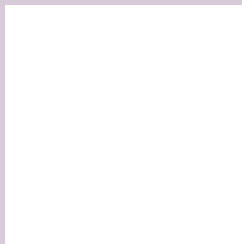
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.1178, 61.4435, 72.9285

Background



This preview shows how black text looks on a background with the XYZ color 61.1178, 61.4435, 72.9285.



This preview shows how white text looks on a background with the XYZ color 61.1178, 61.4435,

72.9285.

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

61.1178, 61.4435, 72.9285

Protanopia

59.4411, 61.2654, 73.6583

Deuteranopia

62.7388, 61.5870, 72.8708



Tritanopia

61.3765, 61.5470, 74.2905

Trichromacy



Original Color

61.1178, 61.4435, 72.9285

Protanomaly

60.0451, 61.2250, 73.6186

Deuteranomaly

62.0658, 61.5850, 72.9059

Tritanomaly

61.2468, 61.4951, 73.6074

Monochromacy



Original Color

61.1178, 61.4435, 72.9285

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

60.0425, 62.0174, 69.7787

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.1178, 61.4435, 72.9285 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(214, 202, 215) looks like.

```
.text, #text, p{  
    color:rgb(214, 202, 215)  
}
```

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(214, 202, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 202, 215) }
```

Border

The CSS property to change the border of an element to XYZ 61.1178, 61.4435, 72.9285 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(214, 202, 215) }
```


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

```
.border{ border-color:rgb(214, 202, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 202, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 202, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 202, 215);  
box-shadow:4px 4px 4px 4px rgb(214, 202,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 61.1178, 61.4435, 72.9285 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 202, 215) }
```

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

```
.background{ background-color: rgb(214,  
202, 215) }
```

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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