

Converting Colors

XYZ(61.5122, 61.3291, 71.5464)

Have a look what the booklet for
XYZ(61.5122, 61.3291, 71.5464)
contains.

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Color

**XYZ(61.5122, 61.3291,
71.5464)**

Conversions

Conversions Part 1

Format	Color
Hex	D9C9D5
RGB	217, 201, 213
RGB Percent	85%, 79%, 84%
CMY	0.1490, 0.2117, 0.1647
CMYK	0.00, 0.07, 0.02, 0.15
HSL	315°, 17%, 82%
HSV	315°, 7%, 85%
XYZ	61.5122, 61.3291, 71.5464
YIQ	207.1520, 5.6840, 7.1240

Conversions

Conversions Part 2

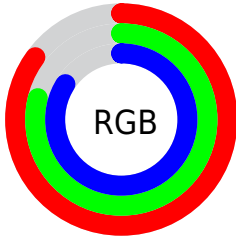
Format	Color
RYB	217, 201, 213
Decimal	14272981
CIELab	82.56, 7.68, -3.95
CIELCh	83, 8.641, 332.778
Yxy	61.3291, 0.3164, 0.3155
Android (android.graphics.Color)	4292463061 (0xFFD9C9D5)
YUV	207.1520, 2.8831, 8.6367
Hunter-Lab	78.3129, 3.1583, 0.6519

Details

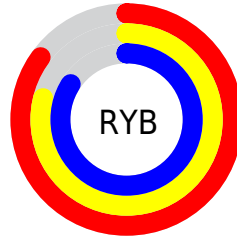
The XYZ color **61.5122, 61.3291, 71.5464** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.9221, 66.4528, 67.4294**, and the grayscale version is **59.3871, 62.4798, 68.0405**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **31.5056, 31.0174, 36.6742** is the 20% darker color. If you saturate the color by 10%, you get **56.1299, 51.6477, 66.4112**, and if you desaturate by 10%, it is **67.6357, 72.4543, 77.0439**.

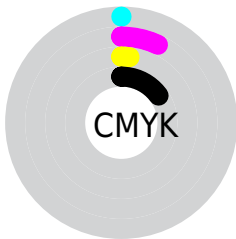
Distribution



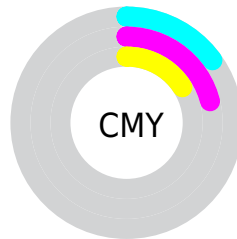
- Red (85%)
- Green (79%)
- Blue (84%)



- Red (85%)
- Yellow (79%)
- Blue (84%)



- Cyan (0%)
- Magenta (7%)
- Yellow (2%)
- Black (15%)



- Cyan (15%)
- Magenta (21%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.5122, 61.3291, 71.5464 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 61.5122, 61.3291, 71.5464 by changing the saturation by 10% instead.

61.5122, 61.3291,
71.5464

61.5122, 61.3291,
71.5464

419.8955,
429.4796, 484.8963

44.8928, 44.4908,
52.3037

106.1141,
106.7553, 123.1131

31.5739, 31.0566,
36.8633

134.8273,
136.1120, 156.2742

21.1902, 20.6419,
24.8067

168.3025,
170.4103, 194.9118

13.3764, 12.8625,
15.7154

206.9050,
210.0346, 239.4444

7.7670, 7.3339,
9.1708

251.0002,
255.3693, 290.2906

3.9968, 3.6718,
4.7544

300.9535,

1.7003, 1.4917,

306.7988, 347.8690

2.0477

357.1301,
364.7074, 412.5980

■ 0.4565, 0.2829,
0.5844

■ 0.0000, 0.0000,
0.0000

■ 61.5122, 61.3291,
71.5464

■ 61.5122, 61.3291,
71.5464

■ 56.1299, 51.6477,
66.4112

■ 67.6357, 72.4543,
77.0439

■ 51.4535, 43.3423,
61.6231

■ 74.5233, 85.0715,
82.9102

■ 47.4526, 36.3519,
57.1718

■ 78.5579, 91.9448,
87.9414

■ 44.0926, 30.6073,
53.0444

■ 79.3289, 92.2532,
92.0016

41.3356, 26.0335,
49.2273

80.1239, 92.5712,
96.1877

39.1398, 22.5469,
45.7054

80.9429, 92.8988,
100.5009

37.4578, 20.0530,
42.4616

81.7863, 93.2362,
104.9422

36.2338, 18.4412,
39.4762

82.4257, 93.4920,
108.3092

35.3931, 17.5620,
36.7230

Harmonies

Analogous

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



60.2385, 61.3291, 75.7138



61.5122, 61.3291, 71.5464



61.9171, 61.3291, 66.2845

Triad

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



61.5122, 61.3291, 71.5464



58.1193, 61.3291, 57.1096



55.3515, 61.3291, 72.4455

Complementary

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



61.5122, 61.3291, 71.5464



59.9221, 66.4528, 67.4294

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.



54.8102, 61.3291, 67.2719



61.5122, 61.3291, 71.5464



56.3868, 61.3291, 58.5726

Square

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



61.5122, 61.3291, 71.5464



59.9339, 61.3291, 58.1214



55.1852, 61.3291, 62.2243



56.6794, 61.3291, 76.2519

Rectangle

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



61.5122, 61.3291, 71.5464



61.6331, 61.3291, 62.9100



55.1852, 61.3291, 62.2243



55.0728, 61.3291, 70.7993

Sweetspot

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



61.5140, 61.3318, 71.5477



93.2399, 96.7072, 107.2870



58.5904, 59.7652, 74.0945



19.9761, 20.7338, 22.9808



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.



61.5140, 61.3318, 71.5477



87.2503, 85.8572, 101.8095



60.5235, 60.9356, 66.3321



13.4680, 13.2163, 15.7257



21.3540, 10.5426, 22.0418



1.4171, 0.6965, 1.6052

Inverse Universe

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



61.5140, 61.3318, 71.5477



87.2503, 85.8572, 101.8095



60.9126, 66.8489, 72.6451



13.4680, 13.2163, 15.7257



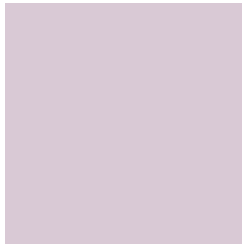
21.3540, 10.5426, 22.0418



1.4171, 0.6965, 1.6052

Previews

White Background



This preview shows how the XYZ color 61.5122, 61.3291, 71.5464 looks on a white background.

Color Contrast Check

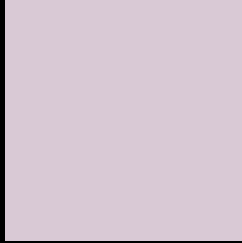
Large Text (above 18pt) WCAG AA × Fail

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 61.5122, 61.3291, 71.5464 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

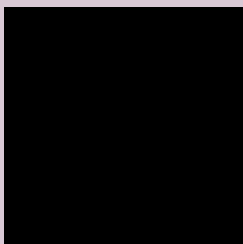
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

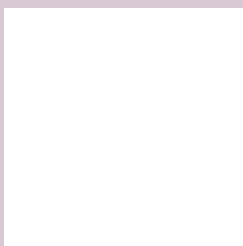
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.5122, 61.3291, 71.5464

Background



This preview shows how black text looks on a background with the XYZ color 61.5122, 61.3291, 71.5464.



This preview shows how white text looks on a background with the XYZ color 61.5122, 61.3291,

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

61.5122, 61.3291, 71.5464

Protanopia

59.3122, 61.2138, 72.9793

Deuteranopia

62.5579, 61.1805, 71.4627



Tritanopia

61.6642, 61.0181, 73.4934

Trichromacy



Original Color

61.5122, 61.3291, 71.5464

Protanomaly

60.0719, 61.2685, 72.2782

Deuteranomaly

62.1797, 61.3283, 71.5111

Tritanomaly

61.5353, 60.9666, 72.8144

Monochromacy



Original Color

61.5122, 61.3291, 71.5464

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

60.2039, 62.1150, 69.1379

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.5122, 61.3291, 71.5464 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(217, 201, 213)` looks like.

```
.text, #text, p{  
    color:rgb(217, 201, 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(217, 201, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 201, 213) }
```

Border

The CSS property to change the border of an element to XYZ 61.5122, 61.3291, 71.5464 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(217, 201, 213) }
```


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

```
.border{ border-color:rgb(217, 201, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 201, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 201, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 201, 213);  
box-shadow:4px 4px 4px 4px rgb(217, 201,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 61.5122, 61.3291, 71.5464 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 201, 213) }
```

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

```
.background{ background-color: rgb(217,  
201, 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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