

Converting Colors

XYZ(61.5659, 61.2823, 74.9135)

Have a look what the booklet for
XYZ(61.5659, 61.2823, 74.9135)
contains.

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Color

**XYZ(61.5659, 61.2823,
74.9135)**

Conversions

Conversions Part 1

Format	Color
Hex	D7C9DA
RGB	215, 201, 218
RGB Percent	84%, 79%, 85%
CMY	0.1569, 0.2117, 0.1451
CMYK	0.01, 0.08, 0.00, 0.15
HSL	289°, 19%, 82%
HSV	289°, 8%, 85%
XYZ	61.5659, 61.2823, 74.9135
YIQ	207.1240, 2.8870, 8.2550

Conversions

Conversions Part 2

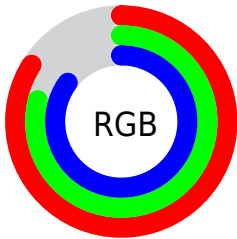
Format	Color
R _Y B	215, 201, 218
Decimal	14141914
CIE Lab	82.53, 7.92, -6.68
CIE LCh	83, 10.361, 319.839
Yxy	61.2823, 0.3113, 0.3099
Android (android.graphics.Color)	4292331994 (0xFFD7C9DA)
YUV	207.1240, 5.3619, 6.9073
Hunter-Lab	78.2830, 3.3866, -1.9399

Details

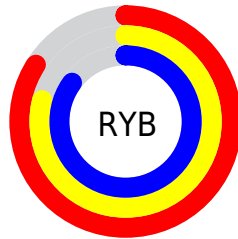
The XYZ color **61.5659, 61.2823, 74.9135** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.5181, 67.1988, 65.0424**, and the grayscale version is **59.3548, 62.4459, 68.0036**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **31.5418, 30.9854, 38.9687** is the 20% darker color. If you saturate the color by 10%, you get **55.7244, 51.2560, 73.2870**, and if you desaturate by 10%, it is **68.1588, 72.7700, 76.7843**.

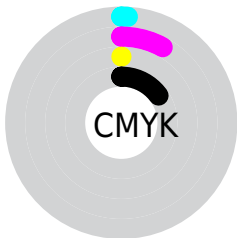
Distribution



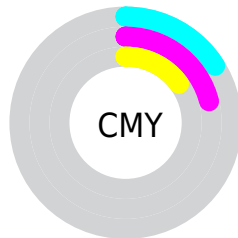
- Red (84%)
- Green (79%)
- Blue (85%)



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



- Cyan (1%)
- Magenta (8%)
- Yellow (0%)
- Black (15%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.5659, 61.2823, 74.9135 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 61.5659, 61.2823, 74.9135 by changing the saturation by 10% instead.

61.5659, 61.2823,
74.9135

61.5659, 61.2823,
74.9135

420.0887,
429.3083, 496.8677

44.9363, 44.4530,
55.0407

106.1914,
106.6876, 127.9359

31.6083, 31.0268,
39.0355

134.9180,
136.0324, 161.9226

21.2166, 20.6193,
26.4793

168.4076,
170.3178, 201.4510

13.3958, 12.8460,
16.9536

207.0256,
209.9283, 246.9396

7.7805, 7.3226,
10.0398

251.1374,
255.2482, 298.8071

4.0054, 3.6646,
5.3194

301.1082,

1.7052, 1.4878,

306.6619, 357.4719

2.3739

357.3036,
364.5538, 423.3526

■ 0.4595, 0.2801,
0.7722

■ 0.0000, 0.0000,
0.0000

■ 61.5659, 61.2823,
74.9135

■ 61.5659, 61.2823,
74.9135

■ 55.7244, 51.2560,
73.2870

■ 68.1588, 72.7700,
76.7843

■ 50.5985, 42.6227,
71.8908

■ 75.5262, 85.7681,
78.9049

■ 46.1574, 35.3202,
70.7153

■ 79.9501, 92.8389,
80.0365

■ 42.3661, 29.2785,
69.7490

■ 81.1741, 93.4699,
80.0938

39.1862, 24.4212,
68.9790

82.4254, 94.1150,
80.1524

36.5751, 20.6635,
68.3914

83.7041, 94.7742,
80.2122

34.4846, 17.9092,
67.9699

85.0105, 95.4477,
80.2733

32.8582, 16.0456,
67.6959

86.3447, 96.1354,
80.3358

31.6168, 14.9145,
67.5430

87.7068, 96.8376,
80.3995

Harmonies

Analogous

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



59.7057, 61.2823, 78.8813



61.5659, 61.2823, 74.9135



62.5445, 61.2823, 68.9031

Triad

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



61.5659, 61.2823, 74.9135



59.0023, 61.2823, 55.4160



54.3285, 61.2823, 70.9556

Complementary

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



61.5659, 61.2823, 74.9135



60.5181, 67.1988, 65.0424

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.



54.1510, 61.2823, 64.5953



61.5659, 61.2823, 74.9135



56.8122, 61.2823, 55.8883

Square

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



61.5659, 61.2823, 74.9135



61.0397, 61.2823, 57.8240



55.0495, 61.2823, 59.1579



55.5407, 61.2823, 76.4977

Rectangle

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



61.5659, 61.2823, 74.9135



62.5489, 61.2823, 64.6615



55.0495, 61.2823, 59.1579



54.1470, 61.2823, 68.8339

Sweetspot

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



61.5677, 61.2849, 74.9148



93.1142, 96.6188, 108.3494



58.3654, 60.7235, 74.9752



19.9506, 20.7158, 23.1970



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.



61.5677, 61.2849, 74.9148



86.6862, 85.4612, 106.5346



61.7636, 61.4660, 71.3065



13.3772, 13.1526, 16.4858



18.8741, 8.8541, 40.4526



1.2831, 0.6047, 2.6235

Inverse Universe

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



60.7013, 61.0411, 65.7125



85.2656, 85.0634, 91.3583



60.3482, 67.0368, 68.3981



13.1494, 13.0889, 14.0479



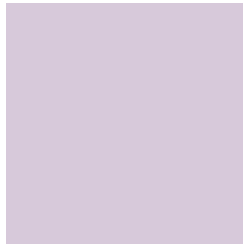
17.5643, 9.0268, 2.0857



1.1666, 0.5963, 0.2862

Previews

White Background



This preview shows how the XYZ color 61.5659, 61.2823, 74.9135 looks on a white background.

Color Contrast Check

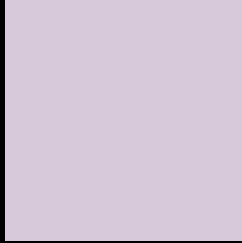
Large Text (above 18pt) WCAG AA × Fail

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 61.5659, 61.2823, 74.9135 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

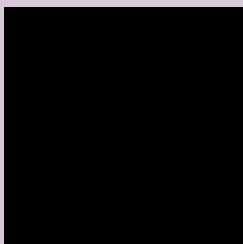
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

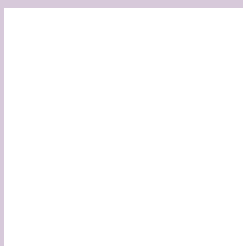
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.5659, 61.2823, 74.9135

Background



This preview shows how black text looks on a background with the XYZ color 61.5659, 61.2823, 74.9135.



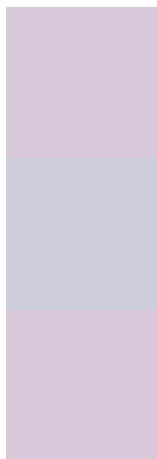
This preview shows how white text looks on a background with the XYZ color 61.5659, 61.2823,

74.9135.

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

61.5659, 61.2823, 74.9135

Protanopia

59.6880, 61.3322, 76.4025

Deuteranopia

62.2917, 60.9689, 74.8147



Tritanopia

61.4354, 61.2301, 74.2262

Trichromacy



Original Color

61.5659, 61.2823, 74.9135

Protanomaly

60.4366, 61.3817, 75.6803

Deuteranomaly

62.2226, 61.2759, 74.8776

Tritanomaly

61.4354, 61.2301, 74.2262

Monochromacy



Original Color

61.5659, 61.2823, 74.9135

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

60.1675, 62.0674, 70.4371

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.5659, 61.2823, 74.9135 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(215, 201, 218)` looks like.

```
.text, #text, p{  
    color:rgb(215, 201, 218)  
}
```

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(215, 201, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 201, 218) }
```

Border

The CSS property to change the border of an element to XYZ 61.5659, 61.2823, 74.9135 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(215, 201, 218) }
```


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

```
.border{ border-color:rgb(215, 201, 218) }
```

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

Here you see how a box with a 4 pixel rgb(215, 201, 218) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 201, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 201, 218);  
box-shadow:4px 4px 4px 4px rgb(215, 201,  
218) }
```

Background

The CSS property to change the background color of an element to XYZ 61.5659, 61.2823, 74.9135 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 201, 218) }
```

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

```
.background{ background-color: rgb(215,  
201, 218) }
```

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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