

Converting Colors

XYZ(61.1625, 60.9532, 75.1380)

Have a look what the booklet for
XYZ(61.1625, 60.9532, 75.1380)
contains.

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Color

**XYZ(61.2731, 61.1314,
74.8998)**

Conversions

Conversions Part 1

Format	Color
Hex	D6C9DA
RGB	214, 201, 218
RGB Percent	84%, 79%, 85%
CMY	0.1608, 0.2117, 0.1451
CMYK	0.02, 0.08, 0.00, 0.15
HSL	286°, 19%, 82%
HSV	286°, 8%, 85%
XYZ	61.2731, 61.1314, 74.8998
YIQ	206.8250, 2.2910, 8.0430

Conversions

Conversions Part 2

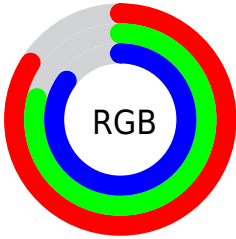
Format	Color
R _Y B	214, 201, 218
Decimal	14076378
CIE Lab	82.45, 7.58, -6.81
CIE LCh	82, 10.190, 318.059
Yxy	61.1314, 0.3106, 0.3098
Android (android.graphics.Color)	4292266458 (0xFFD6C9DA)
YUV	206.8250, 5.5093, 6.2925
Hunter-Lab	78.1866, 3.0600, -2.0670

Details

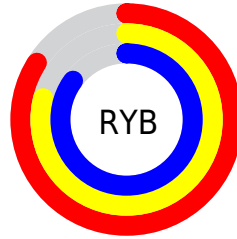
The XYZ color **61.2731, 61.1314, 74.8998** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.7932, 67.3406, 65.0553**, and the grayscale version is **59.1617, 62.2427, 67.7823**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **31.3427, 30.8827, 38.9594** is the 20% darker color. If you saturate the color by 10%, you get **55.0743, 50.9209, 73.2566**, and if you desaturate by 10%, it is **68.2438, 72.8139, 76.7883**.

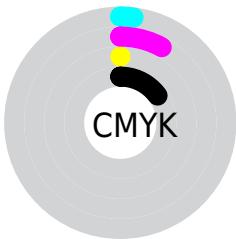
Distribution



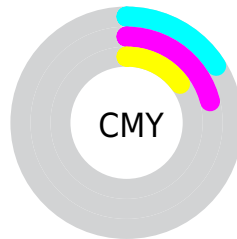
- Red (84%)
- Green (79%)
- Blue (85%)



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



- Cyan (2%)
- Magenta (8%)
- Yellow (0%)
- Black (15%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.2731, 61.1314, 74.8998 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 61.2731, 61.1314, 74.8998 by changing the saturation by 10% instead.

■ 61.2731, 61.1314,
74.8998

■ 61.2731, 61.1314,
74.8998

419.0346,
428.7556, 496.8193

■ 44.6990, 44.3312,
55.0296

105.7701,
106.4692, 127.9163

■ 31.4207, 30.9310,
39.0266

134.4238,
135.7756, 161.8997

■ 21.0728, 20.5463,
26.4725

167.8346,
170.0195, 201.4245

■ 13.2900, 12.7928,
16.9485

206.3680,
209.5853, 246.9093

■ 7.7069, 7.2860,
10.0362

250.3894,
254.8574, 298.7726

■ 3.9582, 3.6416,
5.3171

300.2640,

■ 1.6785, 1.4752,

306.2202, 357.4331

2.3725

356.3573,
364.0582, 423.3091

■ 0.4428, 0.2712,
0.7714

■ 0.0000, 0.0000,
0.0000

■ 61.2731, 61.1314,
74.8998

■ 61.2731, 61.1314,
74.8998

■ 55.0743, 50.9209,
73.2566

■ 68.2438, 72.8139,
76.7883

■ 49.6115, 42.1139,
71.8446

■ 76.0100, 86.0175,
78.9275

■ 44.8536, 34.6481,
70.6543

■ 80.8536, 93.3047,
80.0788

■ 40.7652, 28.4532,
69.6741

■ 82.5188, 94.1631,
80.1567

37.3079, 23.4529,
68.8911

84.2327, 95.0467,
80.2369

34.4386, 19.5621,
68.2914

85.9959, 95.9557,
80.3194

32.1091, 16.6846,
67.8587

87.8087, 96.8902,
80.4043

30.2624, 14.7073,
67.5744

89.6551, 97.8420,
80.4907

28.8191, 13.4723,
67.4121

Harmonies

Analogous

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



59.4109, 61.1314, 78.6220



61.2731, 61.1314, 74.8998



62.2958, 61.1314, 69.0730

Triad

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



61.2731, 61.1314, 74.8998



58.9739, 61.1314, 55.5085



54.2141, 61.1314, 70.3476

Complementary

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



61.2731, 61.1314, 74.8998



60.7932, 67.3406, 65.0553

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.



54.1037, 61.1314, 64.1121



61.2731, 61.1314, 74.8998



56.8156, 61.1314, 55.8024

Square

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



61.2731, 61.1314, 74.8998



60.9464, 61.1314, 58.0369



55.0453, 61.1314, 58.8666



55.3506, 61.1314, 75.8829

Rectangle

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



61.2731, 61.1314, 74.8998



62.3474, 61.1314, 64.8951



55.0453, 61.1314, 58.8666



54.0568, 61.1314, 68.2566

Sweetspot

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



61.2749, 61.1340, 74.9011



93.0043, 96.5622, 108.3442



58.6360, 61.2646, 75.0654



19.9282, 20.7043, 23.1959



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.



61.2749, 61.1340, 74.9011



86.2015, 85.2114, 106.5119



61.9077, 61.5237, 72.0650



13.2993, 13.1124, 16.4821



17.1902, 7.9861, 40.3738



1.1876, 0.5555, 2.6191

Inverse Universe

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



60.8217, 61.0893, 66.3465



85.4627, 85.1422, 92.3964



60.2107, 66.9818, 67.6739



13.1810, 13.1015, 14.2144



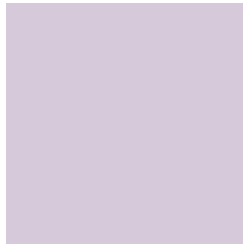
17.7191, 9.0887, 2.9006



1.1815, 0.6022, 0.3646

Previews

White Background



This preview shows how the XYZ color 61.2731, 61.1314, 74.8998 looks on a white background.

Color Contrast Check

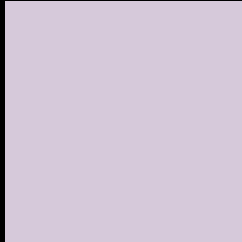
Large Text (above 18pt) WCAG AA × Fail

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 61.2731, 61.1314, 74.8998 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 61.2731, 61.1314, 74.8998

Background



This preview shows how black text looks on a background with the XYZ color 61.2731, 61.1314, 74.8998.

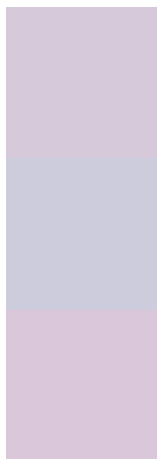


This preview shows how white text looks on a background with the XYZ color 61.2731, 61.1314,

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

61.2731, 61.1314, 74.8998

Protanopia

59.6880, 61.3322, 76.4025

Deuteranopia

62.2917, 60.9689, 74.8147



Tritanopia

61.1426, 61.0792, 74.2125

Trichromacy



Original Color

61.2731, 61.1314, 74.8998

Protanomaly

60.1545, 61.2362, 75.6671

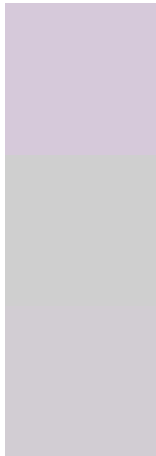
Deuteranomaly

61.9244, 61.1222, 74.8637

Tritanomaly

61.1426, 61.0792, 74.2125

Monochromacy



Original Color

61.2731, 61.1314, 74.8998

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 61.2731, 61.1314, 74.8998 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, 201, 218) looks like.

```
.text, #text, p{  
    color:rgb(214, 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(214, 201, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 201, 218) }
```

Border

The CSS property to change the border of an element to XYZ 61.2731, 61.1314, 74.8998 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, 201, 218) }
```


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

```
.border{ border-color:rgb(214, 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(214, 201, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 201, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 201, 218);  
box-shadow:4px 4px 4px 4px rgb(214, 201,  
218) }
```

Background

The CSS property to change the background color of an element to XYZ 61.2731, 61.1314, 74.8998 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 201, 218) }
```

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

```
.background{ background-color: rgb(214,  
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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