

Converting Colors

XYZ(61.4146, 61.4389, 79.4278)

Have a look what the booklet for
XYZ(61.4146, 61.4389, 79.4278)
contains.

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Color

**XYZ(61.4390, 61.4718,
79.1481)**

Conversions

Conversions Part 1

Format	Color
Hex	D3CAE0
RGB	211, 202, 224
RGB Percent	83%, 79%, 88%
CMY	0.1725, 0.2078, 0.1216
CMYK	0.06, 0.10, 0.00, 0.12
HSL	265°, 26%, 84%
HSV	265°, 10%, 88%
XYZ	61.4390, 61.4718, 79.1481
YIQ	207.1990, -1.6980, 8.7500

Conversions

Conversions Part 2

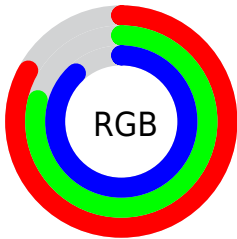
Format	Color
R _Y B	211, 202, 224
Decimal	13880032
CIE Lab	82.63, 7.18, -9.77
CIE LCh	83, 12.129, 306.316
Yxy	61.4718, 0.3041, 0.3042
Android (android.graphics.Color)	4292070112 (0xFFD3CAE0)
YUV	207.1990, 8.2829, 3.3335
Hunter-Lab	78.4040, 2.6695, -4.9700

Details

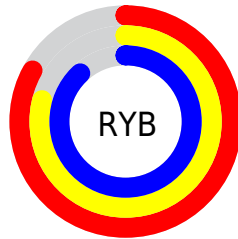
The XYZ color **61.4390, 61.4718, 79.1481** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.3431, 72.0244, 66.3384**, and the grayscale version is **59.3870, 62.4798, 68.0405**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **31.4616, 31.1123, 41.8832** is the 20% darker color. If you saturate the color by 10%, you get **52.9226, 49.8387, 77.3525**, and if you desaturate by 10%, it is **71.0343, 74.7969, 81.2153**.

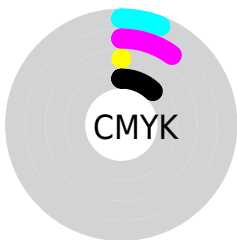
Distribution



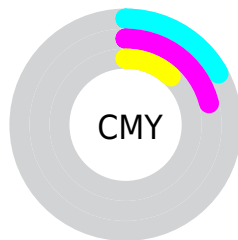
- Red (83%)
- Green (79%)
- Blue (88%)



- Red (83%)
- Yellow (79%)
- Blue (88%)



- Cyan (6%)
- Magenta (10%)
- Yellow (0%)
- Black (12%)



- Cyan (17%)
- Magenta (21%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.4390, 61.4718, 79.1481 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 61.4390, 61.4718, 79.1481 by changing the saturation by 10% instead.

■ 61.4390, 61.4718,
79.1481

■ 61.4390, 61.4718,
79.1481

419.6320,
430.0018, 511.6881

■ 44.8334, 44.6060,
58.4955

106.0088,
106.9618, 133.9679

■ 31.5270, 31.1472,
41.7898

134.7038,
136.3548, 168.9722

■ 21.1542, 20.7110,
28.6124

168.1593,
170.6923, 209.5975

■ 13.3499, 12.9129,
18.5448

206.7407,
210.3588, 256.2624

■ 7.7486, 7.3686,
11.1683

250.8133,
255.7385, 309.3853

■ 3.9849, 3.6937,
6.0646

300.7425,

■ 1.6936, 1.5037,

307.2160, 369.3849

2.8150

356.8936,
365.1757, 436.6796

■ 0.4523, 0.2913,
1.0009

■ 0.0000, 0.0000,
0.0000

■ 61.4390, 61.4718,
79.1481

■ 61.4390, 61.4718,
79.1481

■ 52.9226, 49.8387,
77.3525

■ 71.0343, 74.7969,
81.2153

■ 45.4393, 39.8204,
75.8132

■ 81.7411, 89.8714,
83.5607

■ 38.9483, 31.3454,
74.5194

■ 88.8966, 97.3587,
84.6287

■ 33.4034, 24.3336,
73.4583

■ 90.4547, 98.1619,
84.7016

■ 28.7545, 18.6973,
72.6154

■ 24.9465, 14.3393,
71.9749

■ 21.9172, 11.1490,
71.5188

■ 19.5938, 8.9958,
71.2256

■ 17.8581, 7.6584,
71.0590

Harmonies

Analogous

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



58.9789, 61.4718, 82.2000



61.4390, 61.4718, 79.1481



63.1273, 61.4718, 72.8517

Triad

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



61.4390, 61.4718, 79.1481



60.4590, 61.4718, 54.6550



53.5964, 61.4718, 68.5202

Complementary

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



61.4390, 61.4718, 79.1481



65.3431, 72.0244, 66.3384

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.



53.9662, 61.4718, 61.3426



61.4390, 61.4718, 79.1481



57.8787, 61.4718, 53.6829

Square

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



61.4390, 61.4718, 79.1481



62.5498, 61.4718, 58.8038



55.5153, 61.4718, 56.0430



54.4896, 61.4718, 75.7774

Rectangle

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



61.4390, 61.4718, 79.1481



63.5609, 61.4718, 67.8569



55.5153, 61.4718, 56.0430



53.5775, 61.4718, 66.0163

Sweetspot

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



61.4408, 61.4744, 79.1494



91.0140, 94.3684, 108.0257



62.1653, 66.6434, 80.1090



19.2548, 19.8843, 23.0732



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.



61.4408, 61.4744, 79.1494



79.7100, 78.7365, 105.6042



64.6400, 63.1236, 79.2992



13.4803, 13.5156, 17.2860



10.5012, 4.5089, 41.3652



0.8276, 0.3639, 2.8719

Inverse Universe

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



64.1290, 62.9975, 73.0731



84.1032, 81.2266, 95.6323



62.2753, 70.4429, 66.1948



14.0454, 13.8358, 16.0094



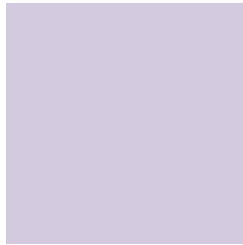
20.3913, 10.2235, 13.9920



1.4575, 0.7263, 1.2022

Previews

White Background



This preview shows how the XYZ color 61.4390, 61.4718, 79.1481 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 61.4390, 61.4718, 79.1481 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

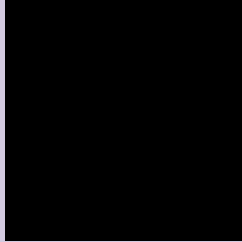
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.4390, 61.4718, 79.1481

Background



This preview shows how black text looks on a background with the XYZ color 61.4390, 61.4718, 79.1481.



This preview shows how white text looks on a background with the XYZ color 61.4390, 61.4718,

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

61.4390, 61.4718, 79.1481

Protanopia

60.0853, 61.4593, 79.9302

Deuteranopia

62.7241, 61.4421, 79.0746



Tritanopia

60.7205, 61.5280, 75.6936

Trichromacy



Original Color

61.4390, 61.4718, 79.1481

Protanomaly

60.6787, 61.4135, 79.8900

Deuteranomaly

62.3655, 61.6022, 79.1244

Tritanomaly

60.9854, 61.6340, 77.0889

Monochromacy



Original Color

61.4390, 61.4718, 79.1481

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

59.8540, 61.8766, 71.7395

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.4390, 61.4718, 79.1481 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(211, 202, 224)` looks like.

```
.text, #text, p{  
    color:rgb(211, 202, 224)  
}
```

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(211, 202, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 202, 224) }
```

Border

The CSS property to change the border of an element to XYZ 61.4390, 61.4718, 79.1481 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(211, 202, 224) }
```


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

```
.border{ border-color:rgb(211, 202, 224) }
```

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

Here you see how a box with a 4 pixel rgb(211, 202, 224) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 202, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 202, 224);  
box-shadow:4px 4px 4px 4px rgb(211, 202,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 61.4390, 61.4718, 79.1481 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 202, 224) }
```

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

```
.background{ background-color: rgb(211,  
202, 224) }
```

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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