

Converting Colors

XYZ(61.1942, 63.4450, 81.2020)

Have a look what the booklet for
XYZ(61.1942, 63.4450, 81.2020)
contains.

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Color

**XYZ(61.1852, 63.4401,
80.9719)**

Conversions

Conversions Part 1

Format	Color
Hex	CCD0E2
RGB	204, 208, 226
RGB Percent	80%, 82%, 89%
CMY	0.2000, 0.1843, 0.1137
CMYK	0.10, 0.08, 0.00, 0.11
HSL	229°, 28%, 84%
HSV	229°, 10%, 89%
XYZ	61.1852, 63.4401, 80.9719
YIQ	208.8560, -8.1620, 4.7500

Conversions

Conversions Part 2

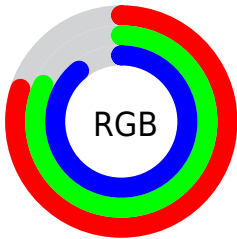
Format	Color
RYB	204, 207, 226
Decimal	13422818
CIELab	83.67, 2.10, -9.35
CIElCh	84, 9.580, 282.644
Yxy	63.4401, 0.2976, 0.3086
Android (android.graphics.Color)	4291612898 (0xFFCCD0E2)
YUV	208.8560, 8.4520, -4.2587
Hunter-Lab	79.6493, -2.2657, -4.5200

Details

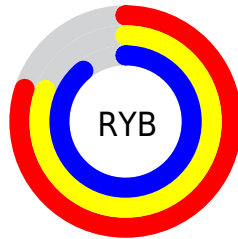
The XYZ color **61.1852, 63.4401, 80.9719** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **68.3847, 72.7706, 67.5698**, and the grayscale version is **60.4625, 63.6113, 69.2727**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **31.4840, 32.5355, 43.1487** is the 20% darker color. If you saturate the color by 10%, you get **51.1870, 51.9813, 79.2881**, and if you desaturate by 10%, it is **72.6114, 76.4185, 82.8757**.

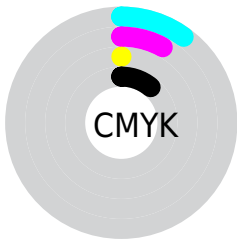
Distribution



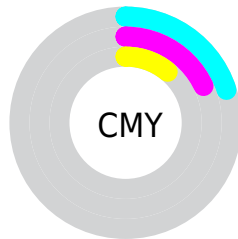
- Red (80%)
- Green (82%)
- Blue (89%)



- Red (80%)
- Yellow (81%)
- Blue (89%)



- Cyan (10%)
- Magenta (8%)
- Yellow (0%)
- Black (11%)



- Cyan (20%)
- Magenta (18%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.1852, 63.4401, 80.9719 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 61.1852, 63.4401, 80.9719 by changing the saturation by 10% instead.

■ 61.1852, 63.4401,
80.9719

■ 61.1852, 63.4401,
80.9719

418.7178,
437.1649, 517.9951

■ 44.6278, 46.1973,
59.9876

105.6436,
109.8042, 136.5550

■ 31.3644, 32.4016,
42.9834

134.2753,
139.6943, 171.9909

■ 21.0296, 21.6684,
29.5408

167.6625,
174.5690, 213.0811

■ 13.2583, 13.6135,
19.2412

206.1705,
214.8127, 260.2441

■ 7.6848, 7.8523,
11.6661

250.1647,
260.8097, 313.8985

■ 3.9441, 4.0006,
6.3970

300.0104,

■ 1.6705, 1.6739,

312.9445, 374.4627

3.0153

356.0730,
371.6014, 442.3554

■ 0.4377, 0.4067,
1.1024

■ 0.0000, 0.0000,
0.0000

■ 61.1852, 63.4401,
80.9719

■ 61.1852, 63.4401,
80.9719

■ 51.1870, 51.9813,
79.2881

■ 72.6114, 76.4185,
82.8757

■ 42.5547, 41.9783,
77.8123

■ 85.5134, 90.9613,
85.0028

■ 35.2299, 33.3745,
76.5376

■ 90.7277, 98.2711,
86.1389

■ 29.1477, 26.1065,
75.4553

■ 24.2374, 20.1058,
74.5559

■ 20.4214, 15.2979,
73.8290

■ 17.6118, 11.6000,
73.2633

■ 15.7067, 8.9178,
72.8460

■ 14.5494, 7.1235,
72.5607

Harmonies

Analogous

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



59.1026, 63.4401, 80.6989



61.1852, 63.4401, 80.9719



63.0720, 63.4401, 77.9263

Triad

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



61.1852, 63.4401, 80.9719



63.3140, 63.4401, 61.5413



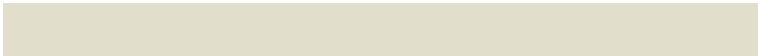
56.5292, 63.4401, 65.6864

Complementary

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



61.1852, 63.4401, 80.9719



68.3847, 72.7706, 67.5698

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.



57.6064, 63.4401, 60.9216



61.1852, 63.4401, 80.9719



61.5092, 63.4401, 58.6254

Square

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



61.1852, 63.4401, 80.9719



64.3201, 63.4401, 66.5775



59.4192, 63.4401, 58.4054



56.4470, 63.4401, 71.6352

Rectangle

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



61.1852, 63.4401, 80.9719



63.9520, 63.4401, 74.5211



59.4192, 63.4401, 58.4054



56.7858, 63.4401, 63.9019

Sweetspot

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



61.1871, 63.4428, 80.9733



90.3273, 94.6498, 108.1162



65.2797, 72.5034, 79.6388



19.0700, 19.9596, 23.0974



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.



61.1871, 63.4428, 80.9733



77.2024, 79.7069, 105.9237



62.1759, 62.5220, 80.7435



13.1528, 13.6446, 17.3281



8.3484, 4.1664, 41.4125



0.6385, 0.4085, 2.8904

Inverse Universe

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



64.3436, 63.9100, 68.6221



82.2817, 80.4979, 86.0400



67.3200, 73.8187, 67.8283



13.8086, 13.7411, 14.7621



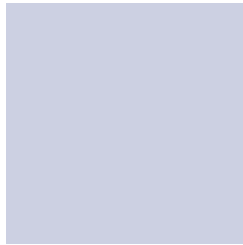
18.1541, 9.3286, 2.2113



1.2886, 0.6587, 0.3124

Previews

White Background



This preview shows how the XYZ color 61.1852, 63.4401, 80.9719 looks on a white background.

Color Contrast Check

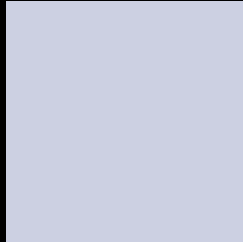
Large Text (above 18pt) WCAG AA × Fail

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 61.1852, 63.4401, 80.9719 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

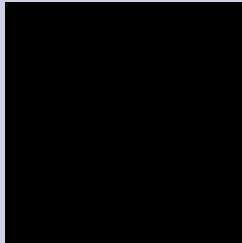
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.1852, 63.4401, 80.9719

Background



This preview shows how black text looks on a background with the XYZ color 61.1852, 63.4401, 80.9719.

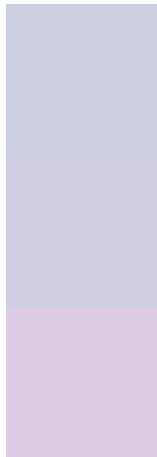


This preview shows how white text looks on a background with the XYZ color 61.1852, 63.4401,

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

61.1852, 63.4401, 80.9719

Protanopia

61.6356, 63.3273, 80.2090

Deuteranopia

64.7363, 63.4736, 81.5127



Tritanopia

61.0483, 63.3854, 80.2512

Trichromacy



Original Color

61.1852, 63.4401, 80.9719

Protanomaly

61.3570, 63.1837, 80.1960

Deuteranomaly

63.4280, 63.5048, 81.5877

Tritanomaly

61.0483, 63.3854, 80.2512

Monochromacy



Original Color

61.1852, 63.4401, 80.9719

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

60.7983, 63.7726, 73.3949

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.1852, 63.4401, 80.9719 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(204, 208, 226) looks like.

```
.text, #text, p{  
    color:rgb(204, 208, 226)  
}
```

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(204, 208, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 208, 226) }
```

Border

The CSS property to change the border of an element to XYZ 61.1852, 63.4401, 80.9719 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(204, 208, 226) }
```


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

```
.border{ border-color:rgb(204, 208, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 208, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 208, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 208, 226);  
box-shadow:4px 4px 4px 4px rgb(204, 208,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 61.1852, 63.4401, 80.9719 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 208, 226) }
```

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

```
.background{ background-color: rgb(204,  
208, 226) }
```

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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