

Converting Colors

XYZ(61.1823, 59.7401, 80.1343)

Have a look what the booklet for
XYZ(61.1823, 59.7401, 80.1343)
contains.

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Color

**XYZ(61.1343, 59.5696,
80.2275)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | D5C5E2 |
| RGB | 213, 197, 226 |
| RGB Percent | 84%, 77%, 89% |
| CMY | 0.1647, 0.2274, 0.1137 |
| CMYK | 0.06, 0.13, 0.00, 0.11 |
| HSL | 273°, 33%, 83% |
| HSV | 273°, 13%, 89% |
| XYZ | 61.1343, 59.5696, 80.2275 |
| YIQ | 205.0900, 0.2270, 12.4110 |

Conversions

Conversions Part 2

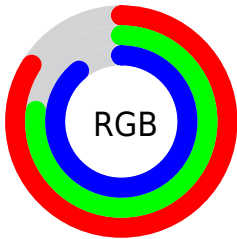
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 213, 197, 226 |
| Decimal | 14009826 |
| CIE Lab | 81.60, 10.90, -12.36 |
| CIE LCh | 82, 16.478, 311.406 |
| Yxy | 59.5696, 0.3043, 0.2965 |
| Android (android.graphics.Color) | 4292199906 (0xFFD5C5E2) |
| YUV | 205.0900, 10.3086, 6.9371 |
| Hunter-Lab | 77.1813, 6.3201, -7.6031 |

Details

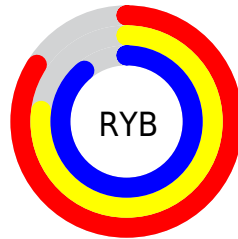
The XYZ color **61.1343, 59.5696, 80.2275** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **63.8549, 72.1271, 63.3826**, and the grayscale version is **58.0235, 61.0452, 66.4782**.

A 20% lighter version of the original color is **94.7318, 99.3636, 108.7939**, and **31.2737, 29.8543, 42.6422** is the 20% darker color. If you saturate the color by 10%, you get **53.5352, 48.5980, 78.5112**, and if you desaturate by 10%, it is **69.6899, 72.1795, 82.2114**.

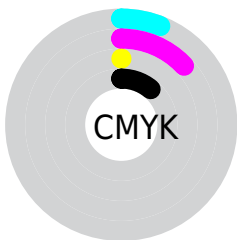
Distribution



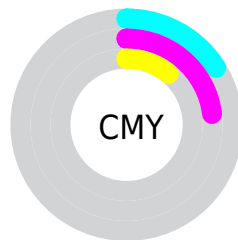
- Red (84%)
- Green (77%)
- Blue (89%)



- Red (84%)
- Yellow (77%)
- Blue (89%)



- Cyan (6%)
- Magenta (13%)
- Yellow (0%)
- Black (11%)



- Cyan (16%)
- Magenta (23%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.1343, 59.5696, 80.2275 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 61.1343, 59.5696, 80.2275 by changing the saturation by 10% instead.

61.1343, 59.5696,
80.2275

61.1343, 59.5696,
80.2275

418.5343,
423.0095, 515.4262

44.5865, 43.0718,
59.3783

105.5704,
104.2051, 135.4998

31.3318, 29.9415,
42.4957

134.1894,
133.1115, 170.7600

21.0047, 19.7942,
29.1612

167.5628,
166.9230, 211.6610

13.2399, 12.2455,
18.9562

206.0561,
206.0239, 258.6213

7.6721, 6.9111,
11.4621

250.0345,
250.7986, 312.0594

3.9359, 3.4066,
6.2605

299.8635,

1.6659, 1.3475,

301.6315, 372.3939

2.9328

355.9083,
358.9070, 440.0433

■ 0.4348, 0.1775,
1.0604

■ 0.0000, 0.0000,
0.0000

■ 61.1343, 59.5696,
80.2275

■ 61.1343, 59.5696,
80.2275

■ 53.5352, 48.5980,
78.5112

■ 69.6899, 72.1795,
82.2114

■ 46.8497, 39.1872,
77.0471

■ 79.2319, 86.4858,
84.4699

■ 41.0397, 31.2645,
75.8241

■ 86.5872, 96.1366,
85.9450

■ 36.0617, 24.7485,
74.8287

■ 90.1887, 97.9932,
86.1136

■ 31.8682, 19.5496,
74.0463

■ 90.7276, 98.2711,
86.1388

■ 28.4063, 15.5675,
73.4601

■ 25.6155, 12.6870,
73.0512

■ 23.4233, 10.7689,
72.7965

■ 22.1387, 9.8271,
72.6824

Harmonies

Analogous

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



57.9450, 59.5696, 85.3886



61.1343, 59.5696, 80.2275



63.1618, 59.5696, 71.1283

Triad

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



61.1343, 59.5696, 80.2275



58.7671, 59.5696, 48.4263



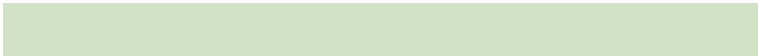
50.3447, 59.5696, 68.7026

Complementary

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



61.1343, 59.5696, 80.2275



63.8549, 72.1271, 63.3826

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.



50.5446, 59.5696, 58.9734



61.1343, 59.5696, 80.2275



55.3136, 59.5696, 47.9192

Square

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



61.1343, 59.5696, 80.2275



61.7572, 59.5696, 53.0578



52.3319, 59.5696, 51.5940



51.7743, 59.5696, 78.2968

Rectangle

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



61.1343, 59.5696, 80.2275



63.5339, 59.5696, 64.3948



52.3319, 59.5696, 51.5940



50.2252, 59.5696, 65.3298

Sweetspot

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



61.1361, 59.5721, 80.2288



90.2195, 92.8069, 107.7662



59.8146, 63.4815, 81.0530



19.1213, 19.5836, 23.0222



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.



61.1361, 59.5721, 80.2288



78.0087, 74.8685, 104.9473



64.8613, 61.5154, 79.3689



13.6714, 13.6141, 17.2949



12.7687, 5.6778, 41.4713



0.9877, 0.4465, 2.8794

Inverse Universe

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



62.9652, 60.7570, 69.3842



80.8251, 76.6916, 88.3081



60.4695, 70.3626, 64.0957



13.9614, 13.8022, 15.5667



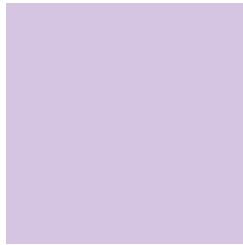
19.3001, 9.7871, 8.2462



1.3824, 0.6962, 0.8065

Previews

White Background



This preview shows how the XYZ color 61.1343, 59.5696, 80.2275 looks on a white background.

Color Contrast Check

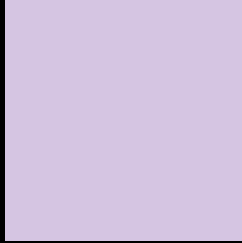
Large Text (above 18pt) WCAG AA × Fail

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 61.1343, 59.5696, 80.2275 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

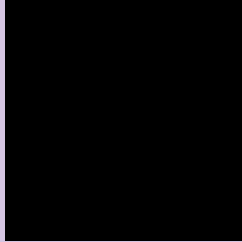
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.1343, 59.5696, 80.2275

Background



This preview shows how black text looks on a background with the XYZ color 61.1343, 59.5696, 80.2275.



This preview shows how white text looks on a background with the XYZ color 61.1343, 59.5696,

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

61.1343, 59.5696, 80.2275

Protanopia

58.5827, 59.5725, 82.5398

Deuteranopia

60.8451, 59.4205, 80.2139



Tritanopia

59.5531, 59.6020, 72.6555

Trichromacy



Original Color

61.1343, 59.5696, 80.2275

Protanomaly

59.5597, 59.7474, 81.7920

Deuteranomaly

60.8451, 59.4205, 80.2139

Tritanomaly

60.1316, 59.4997, 75.3331

Monochromacy



Original Color

61.1343, 59.5696, 80.2275

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

59.1432, 60.4551, 71.5026

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.1343, 59.5696, 80.2275 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(213, 197, 226)` looks like.

```
.text, #text, p{  
    color:rgb(213, 197, 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(213, 197, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 197, 226) }
```

Border

The CSS property to change the border of an element to XYZ 61.1343, 59.5696, 80.2275 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(213, 197, 226) }
```


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

```
.border{ border-color:rgb(213, 197, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 197, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(213, 197, 226); -webkit-box-shadow:4px 4px 4px 4px rgb(213, 197, 226); box-shadow:4px 4px 4px 4px rgb(213, 197, 226) }
```

Background

The CSS property to change the background color of an element to XYZ 61.1343, 59.5696, 80.2275 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 197, 226) }
```

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

```
.background{ background-color: rgb(213,  
197, 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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