

Converting Colors

XYZ(60.9534, 58.2313, 80.7016)

Have a look what the booklet for
XYZ(60.9534, 58.2313, 80.7016)
contains.

XYZ(60.9594, 58.1331, 80.6809)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(60.9594, 58.1331,
80.6809)**

Conversions

Conversions Part 1

Format	Color
Hex	D7C1E3
RGB	215, 193, 227
RGB Percent	84%, 76%, 89%
CMY	0.1569, 0.2431, 0.1098
CMYK	0.05, 0.15, 0.00, 0.11
HSL	279°, 38%, 82%
HSV	279°, 15%, 89%
XYZ	60.9594, 58.1331, 80.6809
YIQ	203.4540, 2.1980, 15.2380

Conversions

Conversions Part 2

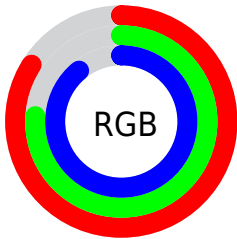
Format	Color
R _Y B	215, 193, 227
Decimal	14139875
CIE Lab	80.81, 13.90, -14.06
CIE LCh	81, 19.770, 314.658
Yxy	58.1331, 0.3051, 0.2910
Android (android.graphics.Color)	4292329955 (0xFFD7C1E3)
YUV	203.4540, 11.6082, 10.1258
Hunter-Lab	76.2451, 9.2853, -9.3679

Details

The XYZ color **60.9594, 58.1331, 80.6809** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **62.2737, 71.7691, 61.0257**, and the grayscale version is **56.9799, 59.9473, 65.2826**.

A 20% lighter version of the original color is **93.1657, 96.2314, 108.2719**, and **31.1762, 28.9174, 42.9682** is the 20% darker color. If you saturate the color by 10%, you get **54.0263, 47.6739, 79.0284**, and if you desaturate by 10%, it is **68.7814, 70.1971, 82.5981**.

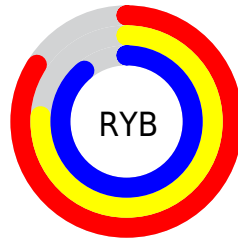
Distribution



Red (84%)

Green (76%)

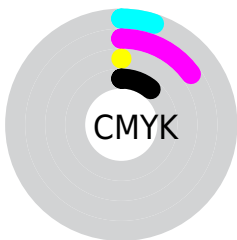
Blue (89%)



Red (84%)

Yellow (76%)

Blue (89%)

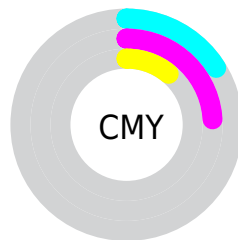


Cyan (5%)

Magenta (15%)

Yellow (0%)

Black (11%)



Cyan (16%)

Magenta (24%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.9594, 58.1331, 80.6809 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 60.9594, 58.1331, 80.6809 by changing the saturation by 10% instead.

60.9594, 58.1331,
80.6809

60.9594, 58.1331,
80.6809

417.9034,
417.6817, 516.9917

44.4448, 41.9157,
59.7494

105.3186,
102.1167, 136.1427

31.2198, 29.0353,
42.7927

133.8939,
130.6516, 171.5100

20.9189, 19.1075,
29.3923

167.2202,
164.0611, 212.5263

13.1769, 11.7480,
19.1296

205.6628,
202.7296, 259.6101

7.6283, 6.5723,
11.5862

249.5871,
247.0416, 313.1800

3.9078, 3.1961,
6.3435

299.3583,

1.6501, 1.2349,

297.3813, 373.6546

2.9829

355.3420,
354.1332, 441.4523

■ 0.4247, 0.0900,
1.0859

■ 0.0000, 0.0000,
0.0000

■ 60.9594, 58.1331,
80.6809

■ 60.9594, 58.1331,
80.6809

■ 54.0263, 47.6739,
79.0284

■ 68.7814, 70.1971,
82.5981

■ 47.9403, 38.7411,
77.6249

■ 77.5215, 83.9248,
84.7872

■ 42.6637, 31.2609,
76.4592

■ 85.2350, 95.4236,
86.6001

■ 38.1537, 25.1505,
75.5175

■ 88.0012, 96.8496,
86.7296

■ 34.3633, 20.3181,
74.7845

■ 90.8653, 98.3261,
86.8636

■ 31.2396, 16.6606,
74.2432

■ 28.7214, 14.0583,
73.8736

■ 26.7339, 12.3648,
73.6515

■ 25.8758, 11.7377,
73.5757

Harmonies

Analogous

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



57.2649, 58.1331, 87.6445



60.9594, 58.1331, 80.6809



63.1784, 58.1331, 69.4362

Triad

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



60.9594, 58.1331, 80.6809



57.3577, 58.1331, 43.9907



47.9991, 58.1331, 69.1606

Complementary

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



60.9594, 58.1331, 80.6809



62.2737, 71.7691, 61.0257

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.



48.0212, 58.1331, 57.5309



60.9594, 58.1331, 80.6809



53.2903, 58.1331, 43.9362

Square

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



60.9594, 58.1331, 80.6809



61.0302, 58.1331, 48.7683



49.9157, 58.1331, 48.6089



49.8538, 58.1331, 80.4579

Rectangle

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



60.9594, 58.1331, 80.6809



63.4564, 58.1331, 61.4882



49.9157, 58.1331, 48.6089



47.7903, 58.1331, 65.1411

Sweetspot

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



60.9611, 58.1356, 80.6822



90.5697, 92.9874, 107.7826



57.8029, 60.7722, 81.3576



19.2100, 19.6293, 23.0263



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.



60.9611, 58.1356, 80.6822



76.4037, 71.1857, 104.3210



63.9977, 59.7723, 77.6010



14.4756, 14.3474, 18.1507



15.2217, 6.9129, 42.9152



1.2247, 0.5623, 3.1760

Inverse Universe

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



61.7700, 58.8812, 65.8702



77.6968, 72.3627, 81.3222



59.6028, 70.3328, 63.5812



14.5860, 14.4516, 16.0205



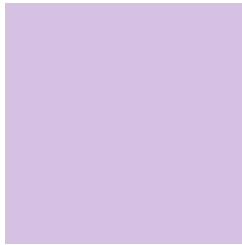
19.3724, 9.8832, 5.5900



1.4744, 0.7475, 0.6389

Previews

White Background



This preview shows how the XYZ color 60.9594, 58.1331, 80.6809 looks on a white background.

Color Contrast Check

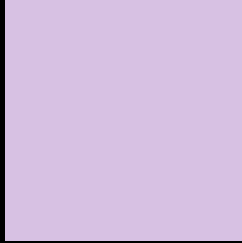
Large Text (above 18pt) WCAG AA × Fail

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 60.9594, 58.1331, 80.6809 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 60.9594, 58.1331, 80.6809

Background



This preview shows how black text looks on a background with the XYZ color 60.9594, 58.1331, 80.6809.



This preview shows how white text looks on a background with the XYZ color 60.9594, 58.1331,

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

60.9594, 58.1331, 80.6809

Protanopia

57.3529, 58.2185, 83.8158

Deuteranopia

59.3927, 57.9862, 80.7352



Tritanopia

58.9384, 58.3291, 69.7803

Trichromacy



Original Color

60.9594, 58.1331, 80.6809

Protanomaly

58.6063, 58.2022, 83.0082

Deuteranomaly

60.0209, 57.9785, 80.7006

Tritanomaly

59.7710, 58.3361, 73.7554

Monochromacy



Original Color

60.9594, 58.1331, 80.6809

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

58.0392, 58.8657, 70.5906

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.9594, 58.1331, 80.6809 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, 193, 227)` looks like.

```
.text, #text, p{  
    color:rgb(215, 193, 227)  
}
```

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, 193, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 193, 227) }
```

Border

The CSS property to change the border of an element to XYZ 60.9594, 58.1331, 80.6809 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, 193, 227) }
```


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

```
.border{ border-color:rgb(215, 193, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 193, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 193, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 193, 227);  
box-shadow:4px 4px 4px 4px rgb(215, 193,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 60.9594, 58.1331, 80.6809 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 193, 227) }
```

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

```
.background{ background-color: rgb(215,  
193, 227) }
```

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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