

Converting Colors

XYZ(62.0704, 59.0351, 80.7965)

Have a look what the booklet for
XYZ(62.0704, 59.0351, 80.7965)
contains.

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Color

**XYZ(62.0704, 59.0351,
80.7965)**

Conversions

Conversions Part 1

Format	Color
Hex	DAC2E3
RGB	218, 194, 227
RGB Percent	85%, 76%, 89%
CMY	0.1451, 0.2392, 0.1098
CMYK	0.04, 0.15, 0.00, 0.11
HSL	284°, 37%, 83%
HSV	284°, 15%, 89%
XYZ	62.0704, 59.0351, 80.7965
YIQ	204.9380, 3.7110, 15.3510

Conversions

Conversions Part 2

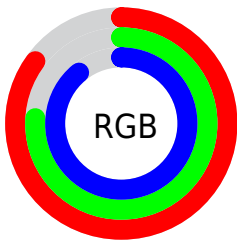
Format	Color
RYB	218, 194, 227
Decimal	14336739
CIELab	81.31, 14.35, -13.29
CIELCh	81, 19.561, 317.200
Yxy	59.0351, 0.3074, 0.2924
Android (android.graphics.Color)	4292526819 (0xFFDAC2E3)
YUV	204.9380, 10.8766, 11.4554
Hunter-Lab	76.8343, 9.7408, -8.5635

Details

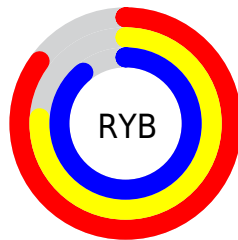
The XYZ color **62.0704, 59.0351, 80.7965** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **61.8374, 71.5313, 61.5896**, and the grayscale version is **57.9219, 60.9383, 66.3618**.

A 20% lighter version of the original color is **93.7872, 97.4744, 108.4791**, and **31.9287, 29.5213, 43.0451** is the 20% darker color. If you saturate the color by 10%, you get **55.5826, 48.7562, 79.1553**, and if you desaturate by 10%, it is **69.4026, 70.8981, 82.7007**.

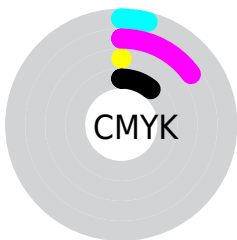
Distribution



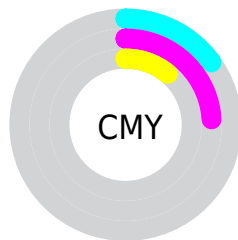
- Red (85%)
- Green (76%)
- Blue (89%)



- Red (85%)
- Yellow (76%)
- Blue (89%)



- Cyan (4%)
- Magenta (15%)
- Yellow (0%)
- Black (11%)



- Cyan (15%)
- Magenta (24%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.0704, 59.0351, 80.7965 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 62.0704, 59.0351, 80.7965 by changing the saturation by 10% instead.

62.0704, 59.0351,
80.7965

62.0704, 59.0351,
80.7965

421.9013,
421.0320, 517.3904

45.3454, 42.6414,
59.8440

106.9166,
103.4287, 136.3065

31.9320, 29.6038,
42.8684

135.7686,
132.1973, 171.7011

21.4649, 19.5381,
29.4513

169.3936,
165.8597, 212.7467

13.5786, 12.0597,
19.1739

208.1569,
204.8003, 259.8620

7.9079, 6.7844,
11.6180

252.4240,
249.4034, 313.4655

4.0874, 3.3276,
6.3647

302.5602,

1.7517, 1.3051,

300.0534, 373.9757

2.9958

358.9309,
357.1348, 441.8112

■ 0.4883, 0.1451,
1.0925

■ 0.0000, 0.0000,
0.0000

■ 62.0704, 59.0351,
80.7965

■ 62.0704, 59.0351,
80.7965

■ 55.5826, 48.7562,
79.1553

■ 69.4026, 70.8981,
82.7007

■ 49.8983, 39.9835,
77.7616

■ 77.6072, 84.4034,
84.8751

■ 44.9808, 32.6442,
76.6041

■ 84.4088, 94.9977,
86.5615

■ 40.7886, 26.6559,
75.6693

■ 86.5071, 96.0794,
86.6597

■ 37.2756, 21.9281,
74.9418

■ 88.6774, 97.1982,
86.7613

■ 34.3903, 18.3586,
74.4049

■ 90.8653, 98.3261,
86.8637

■ 32.0729, 15.8293,
74.0389

■ 30.2507, 14.1956,
73.8196

■ 29.4007, 13.5549,
73.7407

Harmonies

Analogous

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



58.4647, 59.0351, 88.2368



62.0704, 59.0351, 80.7965



64.1196, 59.0351, 69.3897

Triad

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



62.0704, 59.0351, 80.7965



57.8683, 59.0351, 44.7535



48.9411, 59.0351, 71.1594

Complementary

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



62.0704, 59.0351, 80.7965



61.8374, 71.5313, 61.5896

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.



48.7988, 59.0351, 59.4259



62.0704, 59.0351, 80.7965



53.8215, 59.0351, 45.1054

Square

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



62.0704, 59.0351, 80.7965



61.6156, 59.0351, 49.1540



50.5460, 59.0351, 50.1819



50.9446, 59.0351, 82.2267

Rectangle

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



62.0704, 59.0351, 80.7965



64.2653, 59.0351, 61.5022



50.5460, 59.0351, 50.1819



48.6776, 59.0351, 67.1385

Sweetspot

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



62.0722, 59.0376, 80.7978



90.8658, 93.1400, 107.7964



57.5544, 59.8954, 81.2015



19.2850, 19.6680, 23.0298



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.



62.0722, 59.0376, 80.7978



78.5292, 73.2183, 104.6013



63.8705, 60.0764, 75.8370



14.5917, 14.4072, 18.1561



17.2638, 7.9657, 43.0108



1.3637, 0.6340, 3.1825

Inverse Universe

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



61.7519, 59.2289, 64.6804



78.0793, 73.5255, 80.2238



60.2796, 70.6332, 65.8100



14.5377, 14.4323, 15.7658



19.0228, 9.7433, 3.7490



1.4439, 0.7353, 0.4781

Previews

White Background



This preview shows how the XYZ color 62.0704, 59.0351, 80.7965 looks on a white background.

Color Contrast Check

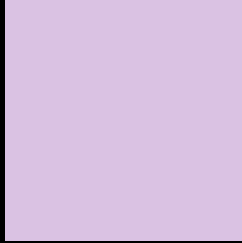
Large Text (above 18pt) WCAG AA × Fail

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 62.0704, 59.0351, 80.7965 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 62.0704, 59.0351, 80.7965

Background



This preview shows how black text looks on a background with the XYZ color 62.0704, 59.0351, 80.7965.



This preview shows how white text looks on a background with the XYZ color 62.0704, 59.0351,

80.7965.

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

62.0704, 59.0351, 80.7965

Protanopia

58.3364, 59.4131, 83.9945

Deuteranopia

60.2721, 59.1251, 80.1871



Tritanopia

60.1688, 59.2849, 70.5592

Trichromacy



Original Color

62.0704, 59.0351, 80.7965

Protanomaly

59.6538, 59.0805, 83.1225

Deuteranomaly

60.9080, 59.1170, 80.1520

Tritanomaly

60.8796, 59.2413, 73.8717

Monochromacy



Original Color

62.0704, 59.0351, 80.7965

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

59.4752, 60.2790, 71.4511

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.0704, 59.0351, 80.7965 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(218, 194, 227)` looks like.

```
.text, #text, p{  
    color:rgb(218, 194, 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(218, 194, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 194, 227) }
```

Border

The CSS property to change the border of an element to XYZ 62.0704, 59.0351, 80.7965 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(218, 194, 227) }
```


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

```
.border{ border-color:rgb(218, 194, 227) }
```

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

Here you see how a box with a 4 pixel rgb(218, 194, 227) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 194, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 194, 227);  
box-shadow:4px 4px 4px 4px rgb(218, 194,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 62.0704, 59.0351, 80.7965 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 194, 227) }
```

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

```
.background{ background-color: rgb(218,  
194, 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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