

Converting Colors

XYZ(64.7198, 59.3757, 80.4195)

Have a look what the booklet for
XYZ(64.7198, 59.3757, 80.4195)
contains.

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Color

**XYZ(64.8090, 59.4657,
80.7353)**

Conversions

Conversions Part 1

Format	Color
Hex	E5BFE3
RGB	229, 191, 227
RGB Percent	90%, 75%, 89%
CMY	0.1020, 0.2510, 0.1098
CMYK	0.00, 0.17, 0.01, 0.10
HSL	303°, 42%, 82%
HSV	303°, 17%, 90%
XYZ	64.8090, 59.4657, 80.7353
YIQ	206.4660, 11.0920, 19.2520

Conversions

Conversions Part 2

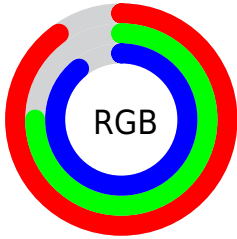
Format	Color
R _Y B	229, 191, 227
Decimal	15056867
CIE Lab	81.55, 19.62, -12.84
CIE LCh	82, 23.449, 326.807
Yxy	59.4657, 0.3161, 0.2901
Android (android.graphics.Color)	4293246947 (0xFFE5BFE3)
YUV	206.4660, 10.1233, 19.7623
Hunter-Lab	77.1140, 15.0674, -8.0945

Details

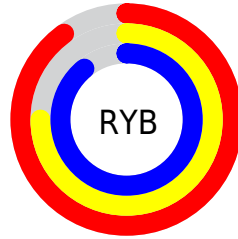
The XYZ color **64.8090, 59.4657, 80.7353** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **59.1331, 70.9669, 61.0366**, and the grayscale version is **58.8985, 61.9658, 67.4807**.

A 20% lighter version of the original color is **92.8574, 95.6148, 108.1691**, and **33.6256, 29.7541, 43.0006** is the 20% darker color. If you saturate the color by 10%, you get **60.0350, 50.1821, 78.3266**, and if you desaturate by 10%, it is **70.3685, 70.3165, 83.4129**.

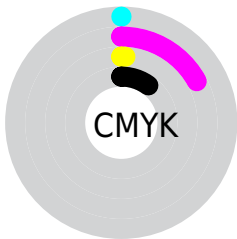
Distribution



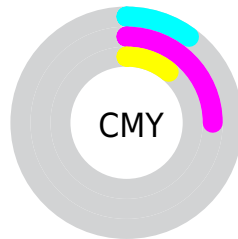
- Red (90%)
- Green (75%)
- Blue (89%)



- Red (90%)
- Yellow (75%)
- Blue (89%)



- Cyan (0%)
- Magenta (17%)
- Yellow (1%)
- Black (10%)



- Cyan (10%)
- Magenta (25%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.8090, 59.4657, 80.7353 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 64.8090, 59.4657, 80.7353 by changing the saturation by 10% instead.

64.8090, 59.4657,
80.7353

64.8090, 59.4657,
80.7353

431.6613,
422.6255, 517.1794

47.5703, 42.9881,
59.7939

110.8425,
104.0542, 136.2198

33.6966, 29.8758,
42.8283

140.3680,
132.9339, 171.5999

22.8224, 19.7443,
29.4200

174.7198,
166.7165, 212.6300

14.5824, 12.2093,
19.1505

214.2633,
205.7863, 259.7287

8.6112, 6.8864,
11.6012

259.3639,
250.5277, 313.3144

4.5436, 3.3912,
6.3535

310.3868,

2.0140, 1.3392,

301.3251, 373.8057

2.9889

367.6975,
358.5629, 441.6212

■ 0.6418, 0.1713,
1.0890

■ 0.0000, 0.0000,
0.0000

■ 64.8090, 59.4657,
80.7353

■ 64.8090, 59.4657,
80.7353

■ 60.0350, 50.1821,
78.3266

■ 70.3685, 70.3165,
83.4129

■ 56.0051, 42.3857,
76.1710

■ 76.7419, 82.7943,
86.3669

■ 52.6818, 36.0008,
74.2567

■ 82.4433, 93.9261,
89.1027

■ 50.0227, 30.9424,
72.5695

■ 82.6138, 93.9944,
90.0006

47.9806, 27.1160,
71.0937

82.7855, 94.0630,
90.9047

46.5020, 24.4150,
69.8114

82.9584, 94.1322,
91.8150

45.5246, 22.7143,
68.7018

83.1324, 94.2018,
92.7315

44.9692, 21.8560,
67.7386

83.3077, 94.2719,
93.6542

44.8310, 21.6652,
67.4286

83.4841, 94.3424,
94.5832

Harmonies

Analogous

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



60.8933, 59.4657, 92.0531



64.8090, 59.4657, 80.7353



66.4978, 59.4657, 66.2682

Triad

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



64.8090, 59.4657, 80.7353



57.0487, 59.4657, 41.2969



48.4933, 59.4657, 77.7463

Complementary

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



64.8090, 59.4657, 80.7353



59.1331, 70.9669, 61.0366

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.



47.5945, 59.4657, 63.2513



64.8090, 59.4657, 80.7353



52.3619, 59.4657, 43.4591

Square

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



64.8090, 59.4657, 80.7353



61.8571, 59.4657, 44.6257



48.9704, 59.4657, 51.0242



51.4998, 59.4657, 90.1591

Rectangle

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



64.8090, 59.4657, 80.7353



66.0649, 59.4657, 57.2284



48.9704, 59.4657, 51.0242



47.9425, 59.4657, 72.8991

Sweetspot

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



64.8108, 59.4683, 80.7366



91.0087, 92.0900, 107.0208



54.7432, 54.2462, 81.7149



19.3626, 19.4822, 22.8519



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.



64.8108, 59.4683, 80.7366



80.4536, 71.4940, 101.9172



62.3434, 58.4813, 67.7435



14.9606, 14.6014, 17.9930



25.6463, 12.3927, 38.6278



1.9053, 0.9198, 2.9077

Inverse Universe

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



64.8108, 59.4683, 80.7366



80.4536, 71.4940, 101.9172



61.3783, 71.8650, 72.8596



14.9606, 14.6014, 17.9930



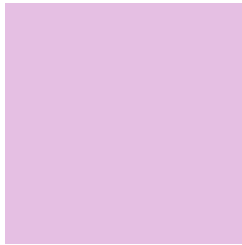
25.6463, 12.3927, 38.6278



1.9053, 0.9198, 2.9077

Previews

White Background



This preview shows how the XYZ color 64.8090, 59.4657, 80.7353 looks on a white background.

Color Contrast Check

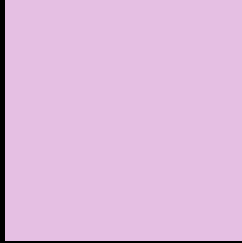
Large Text (above 18pt) WCAG AA × Fail

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 64.8090, 59.4657, 80.7353 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 64.8090, 59.4657, 80.7353

Background



This preview shows how black text looks on a background with the XYZ color 64.8090, 59.4657, 80.7353.



This preview shows how white text looks on a background with the XYZ color 64.8090, 59.4657,

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

64.8090, 59.4657, 80.7353

Protanopia

58.7639, 59.5841, 86.2456

Deuteranopia

60.8451, 59.4205, 80.2139



Tritanopia

62.1644, 59.3558, 68.5020

Trichromacy



Original Color

64.8090, 59.4657, 80.7353

Protanomaly

60.6846, 59.2573, 83.8407

Deuteranomaly

62.1560, 59.4266, 80.1460

Tritanomaly

63.1432, 59.4287, 73.1086

Monochromacy



Original Color

64.8090, 59.4657, 80.7353

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

60.7558, 60.9245, 72.1758

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.8090, 59.4657, 80.7353 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(229, 191, 227)` looks like.

```
.text, #text, p{  
    color:rgb(229, 191, 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(229, 191, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 191, 227) }
```

Border

The CSS property to change the border of an element to XYZ 64.8090, 59.4657, 80.7353 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(229, 191, 227) }
```


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

```
.border{ border-color:rgb(229, 191, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 191, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(229, 191, 227); -webkit-box-shadow:4px 4px 4px 4px rgb(229, 191, 227); box-shadow:4px 4px 4px 4px rgb(229, 191, 227) }
```

Background

The CSS property to change the background color of an element to XYZ 64.8090, 59.4657, 80.7353 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 191, 227) }
```

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

```
.background{ background-color: rgb(229,  
191, 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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