

Converting Colors

XYZ(64.2409, 59.3670, 81.0393)

Have a look what the booklet for
XYZ(64.2409, 59.3670, 81.0393)
contains.

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Color

**XYZ(64.3933, 59.5762,
80.7785)**

Conversions

Conversions Part 1

Format	Color
Hex	E3C0E3
RGB	227, 192, 227
RGB Percent	89%, 75%, 89%
CMY	0.1098, 0.2470, 0.1098
CMYK	0.00, 0.15, 0.00, 0.11
HSL	300°, 38%, 82%
HSV	300°, 15%, 89%
XYZ	64.3933, 59.5762, 80.7785
YIQ	206.4550, 9.6250, 18.3050

Conversions

Conversions Part 2

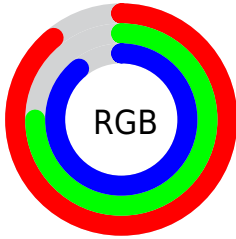
Format	Color
R _Y B	227, 192, 227
Decimal	14926051
CIE Lab	81.61, 18.42, -12.77
CIE LCh	82, 22.411, 325.277
Yxy	59.5762, 0.3145, 0.2910
Android (android.graphics.Color)	4293116131 (0xFFE3C0E3)
YUV	206.4550, 10.1287, 18.0180
Hunter-Lab	77.1856, 13.8416, -8.0199

Details

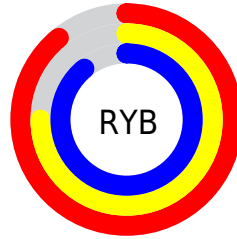
The XYZ color **64.3933, 59.5762, 80.7785** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **58.7240, 69.9521, 60.2793**, and the grayscale version is **58.8920, 61.9590, 67.4733**.

A 20% lighter version of the original color is **93.1657, 96.2314, 108.2719**, and **33.3295, 29.8134, 43.0276** is the 20% darker color. If you saturate the color by 10%, you get **59.7891, 50.3668, 79.2443**, and if you desaturate by 10%, it is **69.7698, 70.3282, 82.5715**.

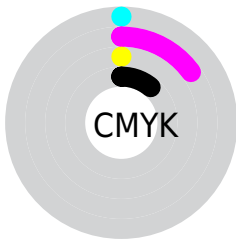
Distribution



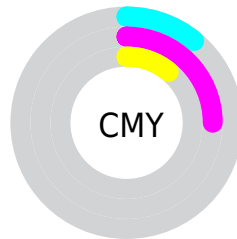
- Red (89%)
- Green (75%)
- Blue (89%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.3933, 59.5762, 80.7785 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 64.3933, 59.5762, 80.7785 by changing the saturation by 10% instead.

64.3933, 59.5762,
80.7785

64.3933, 59.5762,
80.7785

430.1883,
423.0339, 517.3284

47.2322, 43.0771,
59.8293

110.2477,
104.2146, 136.2810

33.4279, 29.9456,
42.8566

139.6717,
133.1228, 171.6713

22.6153, 19.7973,
29.4421

173.9141,
166.9361, 212.7124

14.4288, 12.2478,
19.1670

213.3401,
206.0390, 259.8228

8.5032, 6.9127,
11.6130

258.3152,
250.8158, 313.4211

4.4731, 3.4075,
6.3614

309.2047,

1.9731, 1.3480,

301.6510, 373.9257

2.9937

366.3739,
358.9289, 441.7553

■ 0.6188, 0.1779,
1.0914

■ 0.0000, 0.0000,
0.0000

■ 64.3933, 59.5762,
80.7785

■ 64.3933, 59.5762,
80.7785

■ 59.7891, 50.3668,
79.2443

■ 69.7698, 70.3282,
82.5715

■ 55.9166, 42.6220,
77.9534

■ 75.9461, 82.6807,
84.6303

■ 52.7400, 36.2687,
76.8944

■ 81.3044, 93.3973,
86.4166

■ 50.2178, 31.2243,
76.0536

■ 81.3044, 93.3973,
86.4167

■ 48.3046, 27.3979,
75.4157

■ 81.3044, 93.3973,
86.4168

■ 46.9489, 24.6866,
74.9637

■ 81.3044, 93.3973,
86.4169

■ 46.0909, 22.9707,
74.6776

■ 81.3045, 93.3973,
86.4170

■ 45.6571, 22.1031,
74.5329

■ 81.3045, 93.3973,
86.4172

■ 45.5441, 21.8772,
74.4952

■ 81.3045, 93.3973,
86.4173

Harmonies

Analogous

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



60.5778, 59.5762, 91.2382



64.3933, 59.5762, 80.7785



66.1310, 59.5762, 67.0259

Triad

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



64.3933, 59.5762, 80.7785



57.3738, 59.5762, 42.3167



48.8305, 59.5762, 76.5753

Complementary

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



64.3933, 59.5762, 80.7785



58.7240, 69.9521, 60.2793

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.



48.0774, 59.5762, 62.7576



64.3933, 59.5762, 80.7785



52.8488, 59.5762, 44.1425

Square

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



64.3933, 59.5762, 80.7785



61.9378, 59.5762, 45.8142



49.5087, 59.5762, 51.1978



51.6257, 59.5762, 88.5854

Rectangle

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



64.3933, 59.5762, 80.7785



65.8109, 59.5762, 58.2769



49.5087, 59.5762, 51.1978



48.3370, 59.5762, 71.9390

Sweetspot

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



64.3951, 59.5788, 80.7798



91.1166, 92.1332, 107.5888



54.4556, 54.4548, 80.3148



19.3889, 19.4928, 22.9905



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.



64.3951, 59.5788, 80.7798



81.4939, 72.8879, 104.3810



62.1008, 58.6611, 68.6985



14.9952, 14.6153, 18.1750



26.5611, 12.7587, 43.4452



1.9628, 0.9428, 3.2105

Inverse Universe

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



64.3951, 59.5788, 80.7798



81.4939, 72.8879, 104.3810



60.7801, 70.7745, 71.1062



14.9952, 14.6153, 18.1750



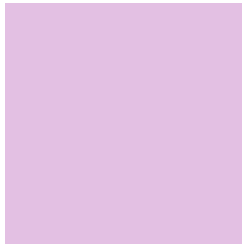
26.5611, 12.7587, 43.4452



1.9628, 0.9428, 3.2105

Previews

White Background



This preview shows how the XYZ color 64.3933, 59.5762, 80.7785 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 64.3933, 59.5762, 80.7785 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 64.3933, 59.5762, 80.7785

Background



This preview shows how black text looks on a background with the XYZ color 64.3933, 59.5762, 80.7785.



This preview shows how white text looks on a background with the XYZ color 64.3933, 59.5762,

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

64.3933, 59.5762, 80.7785

Protanopia

58.8833, 59.6622, 85.5033

Deuteranopia

61.0729, 59.8762, 80.2899



Tritanopia

62.1993, 59.6909, 69.2160

Trichromacy



Original Color

64.3933, 59.5762, 80.7785

Protanomaly

60.9124, 59.7130, 83.9166

Deuteranomaly

62.0827, 59.7226, 80.2070

Tritanomaly

63.0505, 59.7102, 73.1678

Monochromacy



Original Color

64.3933, 59.5762, 80.7785

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 64.3933, 59.5762, 80.7785 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(227, 192, 227)` looks like.

```
.text, #text, p{  
    color:rgb(227, 192, 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(227, 192, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 192, 227) }
```

Border

The CSS property to change the border of an element to XYZ 64.3933, 59.5762, 80.7785 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(227, 192, 227) }
```


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

```
.border{ border-color:rgb(227, 192, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 192, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 192, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 192, 227);  
box-shadow:4px 4px 4px 4px rgb(227, 192,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 64.3933, 59.5762, 80.7785 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 192, 227) }
```

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

```
.background{ background-color: rgb(227,  
192, 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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