

Converting Colors

XYZ(64.1638, 59.5210, 77.9189)

Have a look what the booklet for XYZ(64.1638, 59.5210, 77.9189) contains.

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Color

**XYZ(64.1638, 59.5210,
77.9189)**

Conversions

Conversions Part 1

Format	Color
Hex	E4C0DF
RGB	228, 192, 223
RGB Percent	89%, 75%, 87%
CMY	0.1059, 0.2470, 0.1255
CMYK	0.00, 0.16, 0.02, 0.11
HSL	308°, 40%, 82%
HSV	308°, 16%, 89%
XYZ	64.1638, 59.5210, 77.9189
YIQ	206.2980, 11.5050, 17.2730

Conversions

Conversions Part 2

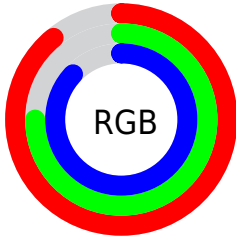
Format	Color
R_{YB}	228, 192, 223
Decimal	14991583
CIE _{Lab}	81.58, 18.03, -10.66
CIE _{LCh}	82, 20.941, 329.414
Yxy	59.5210, 0.3183, 0.2952
Android (android.graphics.Color)	4293181663 (0xFFE4C0DF)
YUV	206.2980, 8.2341, 19.0327
Hunter-Lab	77.1499, 13.4422, -5.8761

Details

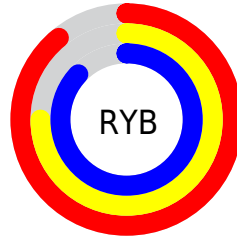
The XYZ color **64.1638, 59.5210, 77.9189** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **59.5620, 70.7261, 63.3388**, and the grayscale version is **58.8023, 61.8646, 67.3706**.

A 20% lighter version of the original color is **93.1657, 96.2314, 108.2719**, and **33.1696, 29.7748, 41.0447** is the 20% darker color. If you saturate the color by 10%, you get **59.1178, 50.1051, 74.1504**, and if you desaturate by 10%, it is **69.9968, 70.4963, 81.9905**.

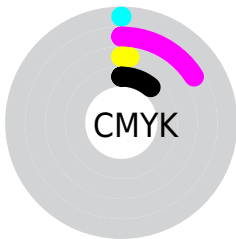
Distribution



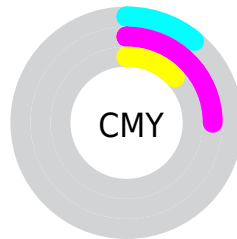
- Red (89%)
- Green (75%)
- Blue (87%)



- Red (89%)
- Yellow (75%)
- Blue (87%)



- Cyan (0%)
- Magenta (16%)
- Yellow (2%)
- Black (11%)



- Cyan (11%)
- Magenta (25%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.1638, 59.5210, 77.9189 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 64.1638, 59.5210, 77.9189 by changing the saturation by 10% instead.

64.1638, 59.5210,
77.9189

64.1638, 59.5210,
77.9189

429.3738,
422.8299, 507.4120

47.0455, 43.0327,
57.4913

109.9192,
104.1345, 132.2206

33.2797, 29.9107,
40.9878

139.2871,
133.0285, 166.9318

22.5011, 19.7709,
27.9900

173.4688,
166.8264, 207.2413

14.3442, 12.2286,
18.0791

212.8299,
205.9128, 253.5676

8.4438, 6.8996,
10.8368

257.7355,
250.6719, 306.3293

4.4344, 3.3994,
5.8444

308.5512,

1.9507, 1.3436,

301.4882, 365.9449

2.6834

365.6421,
358.7461, 432.8330

■ 0.6060, 0.1746,
0.9351

■ 0.0000, 0.0000,
0.0000

■ 64.1638, 59.5210,
77.9189

■ 64.1638, 59.5210,
77.9189

■ 59.1178, 50.1051,
74.1504

■ 69.9968, 70.4963,
81.9905

■ 54.8179, 42.1695,
70.6691

■ 76.6449, 83.0898,
86.3728

■ 51.2274, 35.6402,
67.4633

■ 82.3923, 93.8690,
90.4946

■ 48.3044, 30.4335,
64.5187

■ 82.8476, 94.0511,
92.8925

46.0028, 26.4567,
61.8198

83.3111, 94.2365,
95.3333

44.2702, 23.6056,
59.3489

83.7829, 94.4252,
97.8174

43.0456, 21.7583,
57.0855

84.2628, 94.6172,
100.3448

42.2539, 20.7644,
55.0043

84.7511, 94.8125,
102.9158

41.9968, 20.4948,
54.1643

85.2476, 95.0111,
105.5306

Harmonies

Analogous

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



60.8253, 59.5210, 88.2581



64.1638, 59.5210, 77.9189



65.4505, 59.5210, 65.0560

Triad

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



64.1638, 59.5210, 77.9189



56.6594, 59.5210, 43.4956



49.5265, 59.5210, 77.4353

Complementary

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



64.1638, 59.5210, 77.9189



59.5620, 70.7261, 63.3388

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.



48.5368, 59.5210, 64.5611



64.1638, 59.5210, 77.9189



52.5235, 59.5210, 45.9301

Square

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



64.1638, 59.5210, 77.9189



60.9826, 59.5210, 46.1271



49.6057, 59.5210, 53.2575



52.3812, 59.5210, 87.9544

Rectangle

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



64.1638, 59.5210, 77.9189



64.9229, 59.5210, 57.0922



49.6057, 59.5210, 53.2575



48.9715, 59.5210, 73.1900

Sweetspot

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



64.1656, 59.5236, 77.9202



90.8327, 92.0196, 106.0940



55.8295, 55.1471, 81.1016



19.3197, 19.4651, 22.6258



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.



64.1656, 59.5236, 77.9202



80.4292, 72.4620, 98.7742



61.8902, 58.6135, 65.9383



14.9045, 14.5790, 17.6974



24.2832, 11.8475, 31.4502



1.8183, 0.8850, 2.4496

Inverse Universe

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



64.1656, 59.5236, 77.9202



80.4292, 72.4620, 98.7742



61.7237, 71.5908, 74.7224



14.9045, 14.5790, 17.6974



24.2832, 11.8475, 31.4502



1.8183, 0.8850, 2.4496

Previews

White Background



This preview shows how the XYZ color 64.1638, 59.5210, 77.9189 looks on a white background.

Color Contrast Check

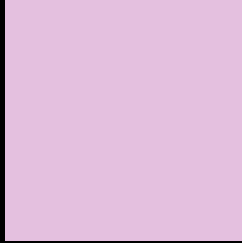
Large Text (above 18pt) WCAG AA × Fail

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 64.1638, 59.5210, 77.9189 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

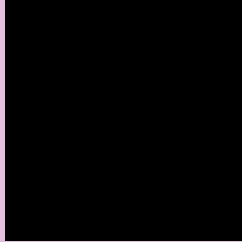
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 64.1638, 59.5210, 77.9189

Background



This preview shows how black text looks on a background with the XYZ color 64.1638, 59.5210, 77.9189.



This preview shows how white text looks on a background with the XYZ color 64.1638, 59.5210,

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

64.1638, 59.5210, 77.9189

Protanopia

58.5827, 59.5725, 82.5398

Deuteranopia

60.8826, 59.5026, 77.3835



Tritanopia

62.1644, 59.3558, 68.5020

Trichromacy



Original Color

64.1638, 59.5210, 77.9189

Protanomaly

60.6376, 59.6359, 80.9880

Deuteranomaly

61.9133, 59.3642, 77.3025

Tritanomaly

62.8861, 59.3259, 71.7549

Monochromacy



Original Color

64.1638, 59.5210, 77.9189

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

60.5019, 60.8229, 70.8386

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.1638, 59.5210, 77.9189 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(228, 192, 223)` looks like.

```
.text, #text, p{  
    color:rgb(228, 192, 223)  
}
```

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(228, 192, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 192, 223) }
```

Border

The CSS property to change the border of an element to XYZ 64.1638, 59.5210, 77.9189 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(228, 192, 223) }
```


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

```
.border{ border-color:rgb(228, 192, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 192, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 192, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 192, 223);  
box-shadow:4px 4px 4px 4px rgb(228, 192,  
223) }
```

Background

The CSS property to change the background color of an element to XYZ 64.1638, 59.5210, 77.9189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 192, 223) }
```

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

```
.background{ background-color: rgb(228,  
192, 223) }
```

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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