

Converting Colors

XYZ(65.0490, 61.7092, 80.0593)

Have a look what the booklet for
XYZ(65.0490, 61.7092, 80.0593)
contains.

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Color

**XYZ(64.9209, 61.5375,
79.6904)**

Conversions

Conversions Part 1

Format	Color
Hex	E2C5E1
RGB	226, 197, 225
RGB Percent	89%, 77%, 88%
CMY	0.1137, 0.2274, 0.1176
CMYK	0.00, 0.13, 0.00, 0.11
HSL	302°, 33%, 83%
HSV	302°, 13%, 89%
XYZ	64.9209, 61.5375, 79.6904
YIQ	208.8630, 8.2960, 14.8560

Conversions

Conversions Part 2

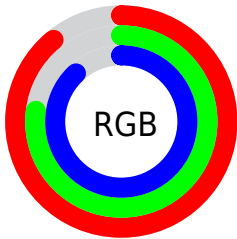
Format	Color
R_{YB}	226, 197, 225
Decimal	14861793
CIE _{Lab}	82.67, 15.05, -10.12
CIE _{LCh}	83, 18.137, 326.074
Yxy	61.5375, 0.3149, 0.2985
Android (android.graphics.Color)	4293051873 (0xFFE2C5E1)
YUV	208.8630, 7.9555, 15.0291
Hunter-Lab	78.4458, 10.4444, -5.3186

Details

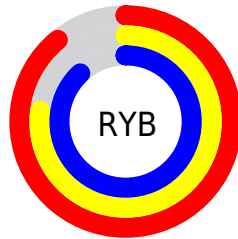
The XYZ color **64.9209, 61.5375, 79.6904** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **60.4177, 70.3420, 63.8224**, and the grayscale version is **60.4626, 63.6113, 69.2728**.

A 20% lighter version of the original color is **94.7318, 99.3636, 108.7939**, and **33.8727, 31.2051, 42.2681** is the 20% darker color. If you saturate the color by 10%, you get **60.0636, 51.9917, 77.5485**, and if you desaturate by 10%, it is **70.5516, 72.6274, 82.0940**.

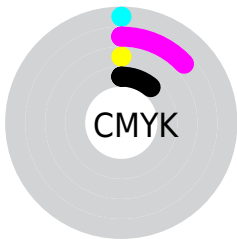
Distribution



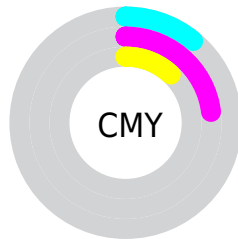
- Red (89%)
- Green (77%)
- Blue (88%)



- Red (89%)
- Yellow (77%)
- Blue (88%)



- Cyan (0%)
- Magenta (13%)
- Yellow (0%)
- Black (11%)



- Cyan (11%)
- Magenta (23%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.9209, 61.5375, 79.6904 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 64.9209, 61.5375, 79.6904 by changing the saturation by 10% instead.

64.9209, 61.5375,
79.6904

64.9209, 61.5375,
79.6904

432.0574,
430.2420, 513.5681

47.6614, 44.6591,
58.9390

111.0025,
107.0568, 134.7378

33.7690, 31.1890,
42.1443

140.5553,
136.4665, 169.8709

22.8782, 20.7428,
28.8879

174.9365,
170.8221, 210.6349

14.6238, 12.9361,
18.7512

214.5116,
210.5079, 257.4484

8.6404, 7.3846,
11.3156

259.6459,
255.9085, 310.7299

4.5626, 3.7038,
6.1627

310.7047,

2.0251, 1.5093,

307.4081, 370.8980

2.8739

368.0534,
365.3911, 438.3712

■ 0.6480, 0.2952,
1.0306

■ 0.0000, 0.0000,
0.0000

■ 64.9209, 61.5375,
79.6904

■ 64.9209, 61.5375,
79.6904

■ 60.0636, 51.9917,
77.5485

■ 70.5516, 72.6274,
82.0940

■ 55.9401, 43.9138,
75.6528

■ 76.9823, 85.3175,
84.7659

■ 52.5156, 37.2330,
73.9926

■ 81.0366, 93.2538,
86.6480

■ 49.7502, 31.8698,
72.5544

■ 81.1447, 93.2971,
87.2172

47.6001, 27.7363,
71.3237

81.2533, 93.3405,
87.7890

46.0161, 24.7343,
70.2841

81.3623, 93.3841,
88.3633

44.9416, 22.7504,
69.4167

81.4719, 93.4280,
88.9402

44.3080, 21.6477,
68.6987

81.5819, 93.4720,
89.5197

44.0463, 21.2417,
68.2495

81.6925, 93.5162,
90.1017

Harmonies

Analogous

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



61.8406, 61.5375, 88.1555



64.9209, 61.5375, 79.6904



66.2770, 61.5375, 68.4818

Triad

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



64.9209, 61.5375, 79.6904



59.0033, 61.5375, 47.8171



52.0224, 61.5375, 76.8717

Complementary

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



64.9209, 61.5375, 79.6904



60.4177, 70.3420, 63.8224

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.



51.3373, 61.5375, 65.5474



64.9209, 61.5375, 79.6904



55.2618, 61.5375, 49.5390

Square

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



64.9209, 61.5375, 79.6904



62.7661, 61.5375, 50.7483



52.4976, 61.5375, 55.7407



54.4118, 61.5375, 86.4056

Rectangle

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



64.9209, 61.5375, 79.6904



65.9786, 61.5375, 61.2435



52.4976, 61.5375, 55.7407



51.5898, 61.5375, 73.1146

Sweetspot

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



64.9227, 61.5402, 79.6917



91.8253, 93.6412, 107.5459



56.9764, 57.4279, 80.0343



19.5287, 19.7953, 22.9661



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.



64.9227, 61.5402, 79.6917



83.8267, 77.8922, 104.1145



63.0318, 60.7838, 69.7343



14.2735, 13.9270, 17.2106



25.1376, 12.1220, 38.9860



1.7489, 0.8428, 2.7365

Inverse Universe

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



64.9227, 61.5402, 79.6917



83.8267, 77.8922, 104.1145



62.1671, 71.0418, 73.0345



14.2735, 13.9270, 17.2106



25.1376, 12.1220, 38.9860



1.7489, 0.8428, 2.7365

Previews

White Background



This preview shows how the XYZ color 64.9209, 61.5375, 79.6904 looks on a white background.

Color Contrast Check

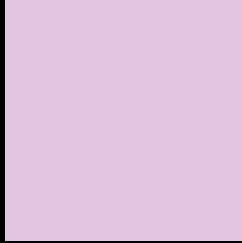
Large Text (above 18pt) WCAG AA × Fail

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 64.9209, 61.5375, 79.6904 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

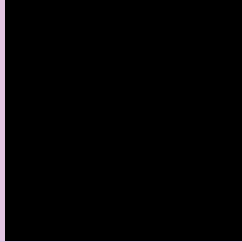
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 64.9209, 61.5375, 79.6904

Background



This preview shows how black text looks on a background with the XYZ color 64.9209, 61.5375, 79.6904.



This preview shows how white text looks on a background with the XYZ color 64.9209, 61.5375,

79.6904.

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

64.9209, 61.5375, 79.6904

Protanopia

60.5044, 61.5954, 83.5631

Deuteranopia

62.7241, 61.4421, 79.0746



Tritanopia

63.3015, 61.5492, 72.1622

Trichromacy



Original Color

64.9209, 61.5375, 79.6904

Protanomaly

61.7542, 61.2236, 81.9613

Deuteranomaly

63.3932, 61.4443, 79.0398

Tritanomaly

63.9003, 61.4577, 74.8243

Monochromacy



Original Color

64.9209, 61.5375, 79.6904

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

62.1214, 63.0160, 73.1791

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.9209, 61.5375, 79.6904 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(226, 197, 225)` looks like.

```
.text, #text, p{  
    color:rgb(226, 197, 225)  
}
```

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(226, 197, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 197, 225) }
```

Border

The CSS property to change the border of an element to XYZ 64.9209, 61.5375, 79.6904 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(226, 197, 225) }
```


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

```
.border{ border-color:rgb(226, 197, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 197, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 197, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 197, 225);  
box-shadow:4px 4px 4px 4px rgb(226, 197,  
225) }
```

Background

The CSS property to change the background color of an element to XYZ 64.9209, 61.5375, 79.6904 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 197, 225) }
```

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

```
.background{ background-color: rgb(226,  
197, 225) }
```

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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