

Converting Colors

XYZ(63.8501, 59.0134, 80.1958)

Have a look what the booklet for
XYZ(63.8501, 59.0134, 80.1958)
contains.

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Color

**XYZ(63.7223, 58.9213,
79.9659)**

Conversions

Conversions Part 1

Format	Color
Hex	E2BFE2
RGB	226, 191, 226
RGB Percent	89%, 75%, 89%
CMY	0.1137, 0.2510, 0.1137
CMYK	0.00, 0.15, 0.00, 0.11
HSL	300°, 38%, 82%
HSV	300°, 15%, 89%
XYZ	63.7223, 58.9213, 79.9659
YIQ	205.4550, 9.6250, 18.3050

Conversions

Conversions Part 2

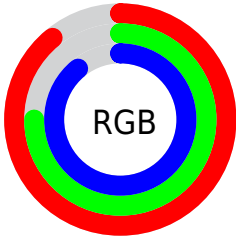
Format	Color
R _Y B	226, 191, 226
Decimal	14860258
CIE _{Lab}	81.25, 18.44, -12.78
CIE _{LCh}	81, 22.430, 325.280
Y _{xy}	58.9213, 0.3145, 0.2908
Android (android.graphics.Color)	4293050338 (0xFFE2BFE2)
Y _{UV}	205.4550, 10.1287, 18.0180
Hunter-Lab	76.7602, 13.8510, -8.0339

Details

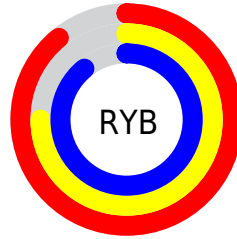
The XYZ color **63.7223, 58.9213, 79.9659** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **58.0885, 69.2324, 59.5950**, and the grayscale version is **58.2527, 61.2864, 66.7408**.

A 20% lighter version of the original color is **92.5508, 95.0015, 108.0669**, and **32.8739, 29.3776, 42.4659** is the 20% darker color. If you saturate the color by 10%, you get **59.1696, 49.8150, 78.4488**, and if you desaturate by 10%, it is **69.0390, 69.5536, 81.7390**.

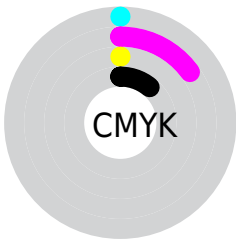
Distribution



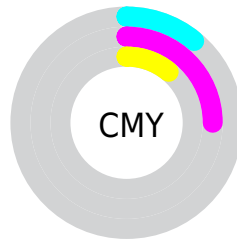
- Red (89%)
- Green (75%)
- Blue (89%)



- 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 63.7223, 58.9213, 79.9659 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 63.7223, 58.9213, 79.9659 by changing the saturation by 10% instead.


 63.7223, 58.9213,
79.9659

 63.7223, 58.9213,
79.9659


427.8043,
420.6102, 514.5216

 46.6866, 42.5498,
59.1643


 109.2869,
103.2633, 135.1288

 32.9949, 29.5320,
42.3245


138.5465,
132.0025, 170.3271

 22.2818, 19.4836,
29.0280


172.6115,
165.6331, 211.1614

 14.1818, 12.0203,
18.8562

211.8472,
204.5394, 258.0502

 8.3298, 6.7575,
11.3907

256.6190,
249.1059, 311.4121

 4.3603, 3.3109,
6.2128

307.2922,

 1.9079, 1.2961,

299.7169, 371.6656

2.9040

364.2321,
356.7569, 439.2293

■ 0.5814, 0.1382,
1.0458

■ 0.0000, 0.0000,
0.0000

■ 63.7223, 58.9213,
79.9659

■ 63.7223, 58.9213,
79.9659

■ 59.1696, 49.8150,
78.4488

■ 69.0390, 69.5536,
81.7390

■ 55.3409, 42.1576,
77.1724

■ 75.1468, 81.7693,
83.7751

■ 52.2004, 35.8767,
76.1254

■ 80.8523, 93.1801,
85.6771

■ 49.7074, 30.8907,
75.2942

■ 80.8523, 93.1801,
85.6773

47.8167, 27.1094,
74.6638

80.8523, 93.1801,
85.6775

46.4774, 24.4309,
74.2172

80.8524, 93.1802,
85.6777

45.6303, 22.7368,
73.9346

80.8524, 93.1802,
85.6779

45.2026, 21.8814,
73.7919

80.8525, 93.1802,
85.6781

45.0918, 21.6599,
73.7549

80.8525, 93.1802,
85.6783

Harmonies

Analogous

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



59.9306, 58.9213, 90.3669



63.7223, 58.9213, 79.9659



65.4491, 58.9213, 66.2972

Triad

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



63.7223, 58.9213, 79.9659



56.7459, 58.9213, 41.7641



48.2606, 58.9213, 75.7909

Complementary

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



63.7223, 58.9213, 79.9659



58.0885, 69.2324, 59.5950

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.



47.5124, 58.9213, 62.0600



63.7223, 58.9213, 79.9659



52.2507, 58.9213, 43.5763

Square

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



63.7223, 58.9213, 79.9659



61.2811, 58.9213, 45.2338



48.9336, 58.9213, 50.5794



51.0369, 58.9213, 87.7309

Rectangle

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



63.7223, 58.9213, 79.9659



65.1308, 58.9213, 57.6061



48.9336, 58.9213, 50.5794



47.7704, 58.9213, 71.1829

Sweetspot

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



63.7241, 58.9239, 79.9672



91.1166, 92.1332, 107.5887



53.8467, 53.8319, 79.5052



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.



63.7241, 58.9239, 79.9672



81.4939, 72.8879, 104.3808



61.4436, 58.0117, 67.9586



14.2951, 13.9357, 17.3241



25.7245, 12.3568, 42.0765



1.7831, 0.8565, 2.9165

Inverse Universe

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



63.7241, 58.9239, 79.9672



81.4939, 72.8879, 104.3808



60.1311, 70.0495, 70.3513



14.2951, 13.9357, 17.3241



25.7245, 12.3568, 42.0765



1.7831, 0.8565, 2.9165

Previews

White Background



This preview shows how the XYZ color 63.7223, 58.9213, 79.9659 looks on a white background.

Color Contrast Check

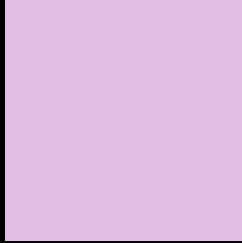
Large Text (above 18pt) WCAG AA × Fail

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 63.7223, 58.9213, 79.9659 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

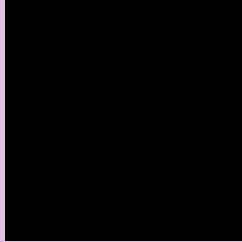
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 63.7223, 58.9213, 79.9659

Background



This preview shows how black text looks on a background with the XYZ color 63.7223, 58.9213, 79.9659.



This preview shows how white text looks on a background with the XYZ color 63.7223, 58.9213,

79.9659.

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

63.7223, 58.9213, 79.9659

Protanopia

58.2457, 59.0051, 84.6632

Deuteranopia

60.4208, 59.2176, 79.4798



Tritanopia

61.5409, 59.0343, 68.4728

Trichromacy



Original Color

63.7223, 58.9213, 79.9659

Protanomaly

60.2616, 59.0556, 83.0856

Deuteranomaly

61.4246, 59.0654, 79.3975

Tritanomaly

62.3870, 59.0538, 72.4003

Monochromacy



Original Color

63.7223, 58.9213, 79.9659

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

60.1051, 60.2588, 71.4140

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.7223, 58.9213, 79.9659 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, 191, 226)` looks like.

```
.text, #text, p{  
    color:rgb(226, 191, 226)  
}
```

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, 191, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 191, 226) }
```

Border

The CSS property to change the border of an element to XYZ 63.7223, 58.9213, 79.9659 is called "border". The border property can be set on classes, ids or directly on the HTML element.

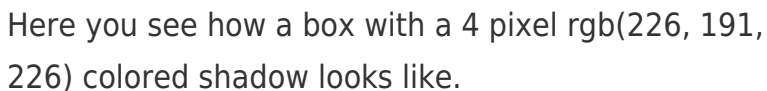
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(226, 191, 226) }
```


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

```
.border{ border-color:rgb(226, 191, 226) }
```

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



Here you see how a box with a 4 pixel `rgb(226, 191, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 191, 226); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 191, 226); box-shadow:4px 4px 4px 4px rgb(226, 191, 226) }
```

Background

The CSS property to change the background color of an element to XYZ 63.7223, 58.9213, 79.9659 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 191, 226) }
```

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

```
.background{ background-color: rgb(226,  
191, 226) }
```

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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