

Converting Colors

XYZ(59.8320, 55.5522, 71.3215)

Have a look what the booklet for
XYZ(59.8320, 55.5522, 71.3215)
contains.

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Color

**XYZ(59.8207, 55.5024,
71.1785)**

Conversions

Conversions Part 1

Format	Color
Hex	DEBAD6
RGB	222, 186, 214
RGB Percent	87%, 73%, 84%
CMY	0.1294, 0.2706, 0.1608
CMYK	0.00, 0.16, 0.04, 0.13
HSL	313°, 35%, 80%
HSV	313°, 16%, 87%
XYZ	59.8207, 55.5024, 71.1785
YIQ	199.9560, 12.4680, 16.3400

Conversions

Conversions Part 2

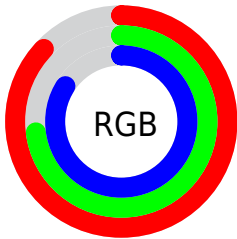
Format	Color
R _Y B	222, 186, 214
Decimal	14596822
CIE Lab	79.33, 17.59, -9.22
CIE LCh	79, 19.854, 332.344
Yxy	55.5024, 0.3208, 0.2976
Android (android.graphics.Color)	4292786902 (0xFFDEBAD6)
YUV	199.9560, 6.9237, 19.3326
Hunter-Lab	74.4999, 12.9540, -4.4967

Details

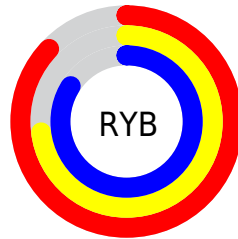
The XYZ color **59.8207, 55.5024, 71.1785** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **56.1107, 66.5783, 60.9355**, and the grayscale version is **54.8273, 57.6826, 62.8164**.

A 20% lighter version of the original color is **91.0421, 91.9843, 107.5640**, and **30.5819, 27.4938, 36.4959** is the 20% darker color. If you saturate the color by 10%, you get **54.8821, 46.6177, 66.4708**, and if you desaturate by 10%, it is **65.5082, 65.8527, 76.2313**.

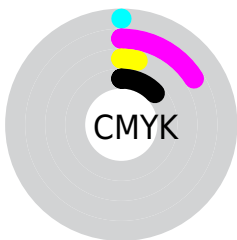
Distribution



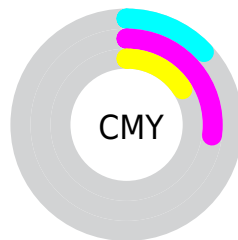
- Red (87%)
- Green (73%)
- Blue (84%)



- Red (87%)
- Yellow (73%)
- Blue (84%)



- Cyan (0%)
- Magenta (16%)
- Yellow (4%)
- Black (13%)



- Cyan (13%)
- Magenta (27%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.8207, 55.5024, 71.1785 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 59.8207, 55.5024, 71.1785 by changing the saturation by 10% instead.

■ 59.8207, 55.5024,
71.1785

■ 59.8207, 55.5024,
71.1785

413.7819,
407.8135, 483.5776

■ 43.5230, 39.8041,
52.0052

■ 103.6774, 98.2767,
122.5847

■ 30.4920, 27.3858,
36.6269

131.9671,
126.1214, 155.6546

■ 20.3623, 17.8632,
24.6252

164.9848,
158.7838, 194.1938

■ 12.7684, 10.8518,
15.5816

203.0960,
196.6481, 238.6208

■ 7.3452, 5.9673,
9.0774

246.6659,
240.0989, 289.3541

■ 3.7271, 2.8252,
4.6942

296.0600,

■ 1.5490, 1.0412,

289.5205, 346.8123

2.0134

351.6435,
345.2972, 411.4140

■ 0.3588, 0.0000,
0.5635

■ 0.0000, 0.0000,
0.0000

■ 59.8207, 55.5024,
71.1785

■ 59.8207, 55.5024,
71.1785

■ 54.8821, 46.6177,
66.4708

■ 65.5082, 65.8527,
76.2313

■ 50.6540, 39.1244,
62.0927

■ 71.9711, 77.7240,
81.6369

■ 47.1017, 32.9528,
58.0323

■ 79.2408, 91.1776,
87.4072

■ 44.1857, 28.0240,
54.2758

■ 80.6981, 92.9752,
91.3367

41.8623, 24.2511,
50.8076

81.4160, 93.2624,
95.1170

40.0823, 21.5356,
47.6105

82.1538, 93.5575,
99.0021

38.7880, 19.7627,
44.6644

82.9116, 93.8606,
102.9928

37.9076, 18.7889,
41.9444

83.6896, 94.1718,
107.0898

37.6348, 18.5339,
40.9578

83.9346, 94.2698,
108.3798

Harmonies

Analogous

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



56.9512, 55.5024, 80.8877



59.8207, 55.5024, 71.1785



60.7687, 55.5024, 59.5413

Triad

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



59.8207, 55.5024, 71.1785



52.4412, 55.5024, 41.0855



46.5530, 55.5024, 72.9230

Complementary

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



59.8207, 55.5024, 71.1785



56.1107, 66.5783, 60.9355

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.



45.4757, 55.5024, 61.3329



59.8207, 55.5024, 71.1785



48.7671, 55.5024, 43.7543

Square

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



59.8207, 55.5024, 71.1785



56.3830, 55.5024, 43.0359



46.2658, 55.5024, 50.8268



49.2830, 55.5024, 81.9805

Rectangle

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



59.8207, 55.5024, 71.1785



60.1470, 55.5024, 52.4833



46.2658, 55.5024, 50.8268



45.9919, 55.5024, 69.1467

Sweetspot

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



59.8223, 55.5048, 71.1797



90.6637, 91.9520, 105.2038



52.9429, 51.8374, 76.3234



19.2785, 19.4486, 22.4089



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.



59.8223, 55.5048, 71.1797



79.8084, 72.2137, 95.5051



57.6716, 54.6445, 59.8542



14.1578, 13.8808, 16.6012



22.3975, 11.0260, 24.5566



1.5850, 0.7773, 1.8734

Inverse Universe

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



59.8223, 55.5048, 71.1797



79.8084, 72.2137, 95.5051



58.2313, 67.4265, 72.1022



14.1578, 13.8808, 16.6012



22.3975, 11.0260, 24.5566



1.5850, 0.7773, 1.8734

Previews

White Background



This preview shows how the XYZ color 59.8207, 55.5024, 71.1785 looks on a white background.

Color Contrast Check

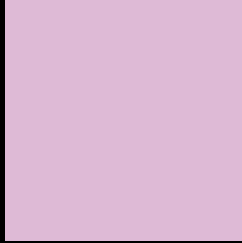
Large Text (above 18pt) WCAG AA × Fail

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 59.8207, 55.5024, 71.1785 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

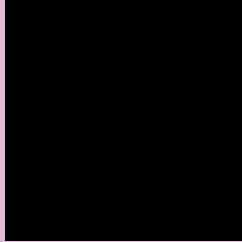
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.8207, 55.5024, 71.1785

Background



This preview shows how black text looks on a background with the XYZ color 59.8207, 55.5024, 71.1785.



This preview shows how white text looks on a background with the XYZ color 59.8207, 55.5024,

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

59.8207, 55.5024, 71.1785

Protanopia

54.4257, 55.5350, 75.5609

Deuteranopia

56.6535, 55.4756, 70.6727



Tritanopia

58.2779, 55.4939, 64.1397

Trichromacy



Original Color

59.8207, 55.5024, 71.1785

Protanomaly

56.4064, 55.5986, 74.0883

Deuteranomaly

57.6484, 55.3454, 70.5951

Tritanomaly

58.8516, 55.4178, 66.6264

Monochromacy



Original Color

59.8207, 55.5024, 71.1785

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

56.5470, 56.8479, 65.7500

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.8207, 55.5024, 71.1785 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(222, 186, 214)` looks like.

```
.text, #text, p{  
    color:rgb(222, 186, 214)  
}
```

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(222, 186, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 186, 214) }
```

Border

The CSS property to change the border of an element to XYZ 59.8207, 55.5024, 71.1785 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(222, 186, 214) }
```


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

```
.border{ border-color:rgb(222, 186, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 186, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 186, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 186, 214);  
box-shadow:4px 4px 4px 4px rgb(222, 186,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 59.8207, 55.5024, 71.1785 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 186, 214) }
```

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

```
.background{ background-color: rgb(222,  
186, 214) }
```

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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