

Converting Colors

XYZ(62.9558, 59.1998, 78.9151)

Have a look what the booklet for
XYZ(62.9558, 59.1998, 78.9151)
contains.

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Color

**XYZ(62.9559, 59.2097,
78.6315)**

Conversions

Conversions Part 1

Format	Color
Hex	DFC1E0
RGB	223, 193, 224
RGB Percent	87%, 76%, 88%
CMY	0.1255, 0.2431, 0.1216
CMYK	0.00, 0.14, 0.00, 0.12
HSL	298°, 33%, 82%
HSV	298°, 14%, 88%
XYZ	62.9559, 59.2097, 78.6315
YIQ	205.5040, 7.9290, 16.0010

Conversions

Conversions Part 2

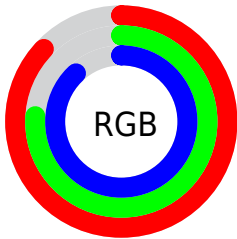
Format	Color
R _Y B	223, 193, 224
Decimal	14664160
CIE Lab	81.41, 15.99, -11.49
CIE LCh	81, 19.694, 324.297
Yxy	59.2097, 0.3135, 0.2949
Android (android.graphics.Color)	4292854240 (0xFFDFC1E0)
YUV	205.5040, 9.1185, 15.3440
Hunter-Lab	76.9478, 11.3834, -6.7238

Details

The XYZ color **62.9559, 59.2097, 78.6315** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **58.5316, 68.6325, 60.6175**, and the grayscale version is **58.2909, 61.3266, 66.7846**.

A 20% lighter version of the original color is **93.4756, 96.8512, 108.3752**, and **32.5425, 29.6546, 41.5449** is the 20% darker color. If you saturate the color by 10%, you get **58.1528, 49.9323, 77.0948**, and if you desaturate by 10%, it is **68.5135, 69.9926, 80.4208**.

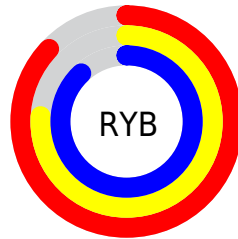
Distribution



Red (87%)

Green (76%)

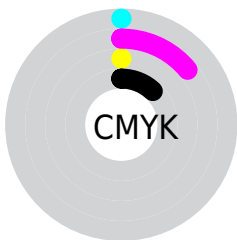
Blue (88%)



Red (87%)

Yellow (76%)

Blue (88%)

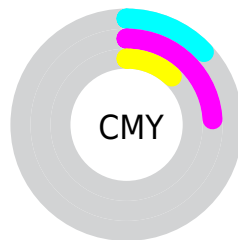


Cyan (0%)

Magenta (14%)

Yellow (0%)

Black (12%)



Cyan (13%)

Magenta (24%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.9559, 59.2097, 78.6315 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 62.9559, 59.2097, 78.6315 by changing the saturation by 10% instead.

62.9559, 59.2097,
78.6315

62.9559, 59.2097,
78.6315

425.0716,
421.6786, 509.8935

46.0640, 42.7820,
58.0734

108.1881,
103.6824, 133.2339

32.5012, 29.7141,
41.4525

137.2591,
132.4961, 168.1153

21.9020, 19.6217,
28.3505

171.1205,
166.2073, 208.6081

13.9011, 12.1203,
18.3487

210.1377,
205.2003, 255.1310

8.1332, 6.8257,
11.0286

254.6761,
249.8595, 308.1024

4.2328, 3.3533,
5.9717

305.1010,

1.8347, 1.3189,

300.5694, 367.9409

2.7593

361.7777,
357.7143, 435.0651

■ 0.5384, 0.1557,
0.9731

■ 0.0000, 0.0000,
0.0000

■ 62.9559, 59.2097,
78.6315

■ 62.9559, 59.2097,
78.6315

■ 58.1528, 49.9323,
77.0948

■ 68.5135, 69.9926,
80.4208

■ 54.0652, 42.0856,
75.7957

■ 74.8517, 82.3364,
82.4693

■ 50.6588, 35.5998,
74.7233

■ 80.3188, 92.9366,
84.2272

■ 47.8941, 30.3960,
73.8646

■ 80.5448, 93.0531,
84.2378

45.7279, 26.3878,
73.2051

80.7717, 93.1701,
84.2484

44.1114, 23.4776,
72.7286

80.9996, 93.2876,
84.2591

42.9883, 21.5527,
72.4163

81.2285, 93.4056,
84.2698

42.2901, 20.4763,
72.2453

81.4583, 93.5241,
84.2805

42.0033, 20.0992,
72.1876

81.6891, 93.6430,
84.2913

Harmonies

Analogous

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



59.5988, 59.2097, 87.4285



62.9559, 59.2097, 78.6315



64.5306, 59.2097, 66.7495

Triad

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



62.9559, 59.2097, 78.6315



57.0677, 59.2097, 44.4324



49.3634, 59.2097, 74.2588

Complementary

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



62.9559, 59.2097, 78.6315



58.5316, 68.6325, 60.6175

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.



48.7591, 59.2097, 62.2416



62.9559, 59.2097, 78.6315



53.0811, 59.2097, 45.9287

Square

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



62.9559, 59.2097, 78.6315



61.0263, 59.2097, 47.7501



50.0881, 59.2097, 52.1187



51.7809, 59.2097, 84.6961

Rectangle

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



62.9559, 59.2097, 78.6315



64.3051, 59.2097, 59.0292



50.0881, 59.2097, 52.1187



48.9466, 59.2097, 70.2338

Sweetspot

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



62.9577, 59.2123, 78.6328



91.7610, 93.6015, 107.8383



54.7486, 55.3206, 78.3143



19.5123, 19.7852, 23.0405



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.



62.9577, 59.2123, 78.6328



82.2335, 75.1279, 104.7747



61.3871, 58.6197, 68.7497



14.2490, 13.9119, 17.3219



24.4684, 11.7093, 42.0188



1.7099, 0.8188, 2.9132

Inverse Universe

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



59.5501, 57.8849, 59.0761



76.7125, 72.9787, 73.0261



59.9697, 69.1781, 69.5252



13.7251, 13.7077, 14.3224



17.9243, 9.2367, 1.0011



1.2488, 0.6428, 0.1031

Previews

White Background



This preview shows how the XYZ color 62.9559, 59.2097, 78.6315 looks on a white background.

Color Contrast Check

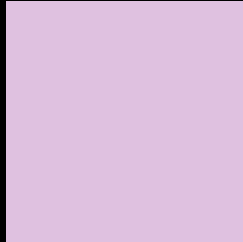
Large Text (above 18pt) WCAG AA × Fail

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 62.9559, 59.2097, 78.6315 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 62.9559, 59.2097, 78.6315

Background



This preview shows how black text looks on a background with the XYZ color 62.9559, 59.2097, 78.6315.



This preview shows how white text looks on a background with the XYZ color 62.9559, 59.2097,

78.6315.

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

62.9559, 59.2097, 78.6315

Protanopia

58.3182, 59.4362, 82.5274

Deuteranopia

60.4369, 59.2573, 78.0645



Tritanopia

61.0918, 59.1055, 69.8166

Trichromacy



Original Color

62.9559, 59.2097, 78.6315

Protanomaly

59.7913, 59.1996, 80.9484

Deuteranomaly

61.3781, 59.4065, 78.0437

Tritanomaly

61.8107, 59.0710, 73.1098

Monochromacy



Original Color

62.9559, 59.2097, 78.6315

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

60.0483, 60.5744, 71.4779

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.9559, 59.2097, 78.6315 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(223, 193, 224)` looks like.

```
.text, #text, p{  
    color:rgb(223, 193, 224)  
}
```

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(223, 193, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 193, 224) }
```

Border

The CSS property to change the border of an element to XYZ 62.9559, 59.2097, 78.6315 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(223, 193, 224) }
```


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

```
.border{ border-color:rgb(223, 193, 224) }
```

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

Here you see how a box with a 4 pixel rgb(223, 193, 224) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 193, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 193, 224);  
box-shadow:4px 4px 4px 4px rgb(223, 193,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 62.9559, 59.2097, 78.6315 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 193, 224) }
```

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

```
.background{ background-color: rgb(223,  
193, 224) }
```

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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