

Converting Colors

XYZ(63.0136, 59.3919, 79.3771)

Have a look what the booklet for
XYZ(63.0136, 59.3919, 79.3771)
contains.

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Color

**XYZ(63.0066, 59.5494,
79.4075)**

Conversions

Conversions Part 1

Format	Color
Hex	DEC2E1
RGB	222, 194, 225
RGB Percent	87%, 76%, 88%
CMY	0.1294, 0.2392, 0.1176
CMYK	0.01, 0.14, 0.00, 0.12
HSL	294°, 34%, 82%
HSV	294°, 14%, 88%
XYZ	63.0066, 59.5494, 79.4075
YIQ	205.9060, 6.7370, 15.5770

Conversions

Conversions Part 2

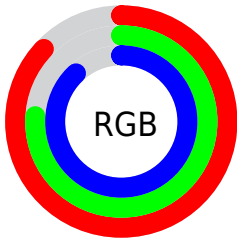
Format	Color
R _Y B	222, 194, 225
Decimal	14598881
CIE Lab	81.59, 15.31, -11.76
CIE LCh	82, 19.304, 322.466
Yxy	59.5494, 0.3120, 0.2949
Android (android.graphics.Color)	4292788961 (0xFFDEC2E1)
YUV	205.9060, 9.4133, 14.1144
Hunter-Lab	77.1683, 10.6978, -6.9927

Details

The XYZ color **63.0066, 59.5494, 79.4075** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **59.6909, 69.6173, 61.3333**, and the grayscale version is **58.5463, 61.5952, 67.0772**.

A 20% lighter version of the original color is **93.7872, 97.4744, 108.4791**, and **32.5701, 29.8739, 42.0798** is the 20% darker color. If you saturate the color by 10%, you get **57.7113, 49.9415, 77.8330**, and if you desaturate by 10%, it is **69.0722, 70.6832, 81.2377**.

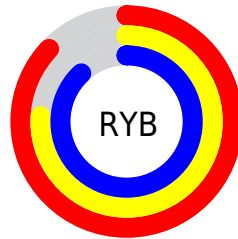
Distribution



Red (87%)

Green (76%)

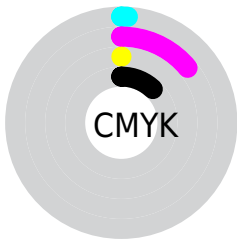
Blue (88%)



Red (87%)

Yellow (76%)

Blue (88%)

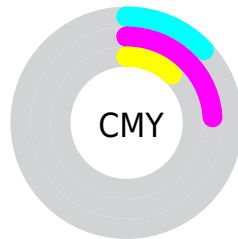


Cyan (1%)

Magenta (14%)

Yellow (0%)

Black (12%)



Cyan (13%)

Magenta (24%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.0066, 59.5494, 79.4075 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 63.0066, 59.5494, 79.4075 by changing the saturation by 10% instead.

63.0066, 59.5494,
79.4075

63.0066, 59.5494,
79.4075

425.2527,
422.9349, 512.5878

46.1052, 43.0555,
58.7076

108.2608,
104.1757, 134.3362

32.5338, 29.9287,
41.9593

137.3443,
133.0770, 169.4022

21.9271, 19.7845,
28.7441

171.2192,
166.8829, 210.0939

13.9196, 12.2385,
18.6434

210.2510,
205.9777, 256.8299

8.1461, 6.9063,
11.2387

254.8048,
250.7459, 310.0288

4.2412, 3.4036,
6.1114

305.2462,

1.8395, 1.3459,

301.5720, 370.1090

2.8431

361.9403,
358.8401, 437.4892

■ 0.5413, 0.1763,
1.0151

■ 0.0000, 0.0000,
0.0000

■ 63.0066, 59.5494,
79.4075

■ 63.0066, 59.5494,
79.4075

■ 57.7113, 49.9415,
77.8330

■ 69.0722, 70.6832,
81.2377

■ 53.1469, 41.7838,
76.4989

■ 75.9347, 83.3988,
83.3304

■ 49.2787, 35.0057,
75.3945

■ 81.5153, 93.5377,
84.9933

■ 46.0669, 29.5277,
74.5064

■ 82.2126, 93.8972,
85.0259

43.4677, 25.2622,
73.8201

82.9187, 94.2612,
85.0590

41.4317, 22.1108,
73.3191

83.6335, 94.6297,
85.0924

39.9021, 19.9596,
72.9845

84.3571, 95.0028,
85.1263

38.8097, 18.6703,
72.7932

85.0896, 95.3804,
85.1606

38.2813, 18.1648,
72.7235

85.8309, 95.7625,
85.1953

Harmonies

Analogous

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



59.6300, 59.5494, 87.7255



63.0066, 59.5494, 79.4075



64.6816, 59.5494, 67.8096

Triad

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



63.0066, 59.5494, 79.4075



57.6278, 59.5494, 45.1365



49.7001, 59.5494, 73.7461

Complementary

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



63.0066, 59.5494, 79.4075



59.6909, 69.6173, 61.3333

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.



49.2211, 59.5494, 61.9568



63.0066, 59.5494, 79.4075



53.6742, 59.5494, 46.3257

Square

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



63.0066, 59.5494, 79.4075



61.4812, 59.5494, 48.7038



50.6430, 59.5494, 52.1714



51.9841, 59.5494, 84.1944

Rectangle

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



63.0066, 59.5494, 79.4075



64.5544, 59.5494, 60.1405



50.6430, 59.5494, 52.1714



49.3273, 59.5494, 69.7764

Sweetspot

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



63.0084, 59.5520, 79.4088



91.5197, 93.4771, 107.8270



55.8302, 56.8864, 79.2726



19.4510, 19.7536, 23.0376



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.



63.0084, 59.5520, 79.4088



81.2195, 74.6052, 104.7273



62.3045, 59.3775, 70.8639



14.1574, 13.8647, 17.3177



22.1143, 10.4957, 41.9087



1.5713, 0.7473, 2.9067

Inverse Universe

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



60.4232, 58.6250, 60.9572



77.0707, 73.1220, 74.9127



60.3646, 69.7969, 68.9405



13.7608, 13.7220, 14.5108



17.9946, 9.2648, 1.3713



1.2659, 0.6497, 0.1933

Previews

White Background



This preview shows how the XYZ color 63.0066, 59.5494, 79.4075 looks on a white background.

Color Contrast Check

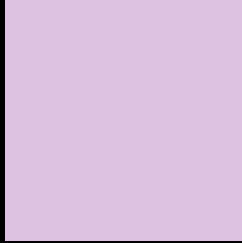
Large Text (above 18pt) WCAG AA × Fail

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 63.0066, 59.5494, 79.4075 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 63.0066, 59.5494, 79.4075

Background



This preview shows how black text looks on a background with the XYZ color 63.0066, 59.5494, 79.4075.



This preview shows how white text looks on a background with the XYZ color 63.0066, 59.5494,

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

63.0066, 59.5494, 79.4075

Protanopia

58.7228, 59.6286, 83.2774

Deuteranopia

60.8614, 59.4605, 78.7903



Tritanopia

61.1388, 59.4490, 70.5398

Trichromacy



Original Color

63.0066, 59.5494, 79.4075

Protanomaly

59.9298, 59.2550, 81.6775

Deuteranomaly

61.5134, 59.4606, 78.7559

Tritanomaly

61.8583, 59.4121, 73.8530

Monochromacy



Original Color

63.0066, 59.5494, 79.4075

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

60.2821, 61.0422, 71.5559

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.0066, 59.5494, 79.4075 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, 194, 225)` looks like.

```
.text, #text, p{  
    color:rgb(222, 194, 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(222, 194, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 194, 225) }
```

Border

The CSS property to change the border of an element to XYZ 63.0066, 59.5494, 79.4075 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, 194, 225) }
```


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

```
.border{ border-color:rgb(222, 194, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 194, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 194, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 194, 225);  
box-shadow:4px 4px 4px 4px rgb(222, 194,  
225) }
```

Background

The CSS property to change the background color of an element to XYZ 63.0066, 59.5494, 79.4075 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 194, 225) }
```

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

```
.background{ background-color: rgb(222,  
194, 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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