

# Converting Colors

XYZ(59.7897, 54.0753, 79.2290)

Have a look what the booklet for  
XYZ(59.7897, 54.0753, 79.2290)  
contains.

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# Color

**XYZ(59.6688, 54.0070,  
79.2310)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DBB6E2
RGB	219, 182, 226
RGB Percent	86%, 71%, 89%
CMY	0.1412, 0.2863, 0.1137
CMYK	0.03, 0.19, 0.00, 0.11
HSL	290°, 43%, 80%
HSV	290°, 19%, 89%
XYZ	59.6688, 54.0070, 79.2310
YIQ	198.0790, 7.9280, 21.5280

# Conversions

## Conversions Part 2

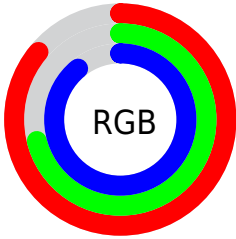
Format	Color
R <sub>Y</sub> B	219, 182, 226
Decimal	14399202
CIE Lab	78.47, 20.95, -17.02
CIE LCh	78, 26.989, 320.908
Yxy	54.0070, 0.3093, 0.2800
Android (android.graphics.Color)	4292589282 (0xFFDDBB6E2)
YUV	198.0790, 13.7651, 18.3477
Hunter-Lab	73.4895, 16.3242, -12.4796

# Details

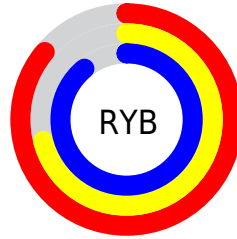
The XYZ color **59.6688, 54.0070, 79.2310** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **56.6282, 68.5904, 54.5134**, and the grayscale version is **53.6415, 56.4351, 61.4578**.

A 20% lighter version of the original color is **89.8645, 89.6291, 107.1715**, and **30.5108, 26.5333, 42.0414** is the 20% darker color. If you saturate the color by 10%, you get **54.3391, 44.9354, 77.7617**, and if you desaturate by 10%, it is **65.7720, 64.5891, 80.9527**.

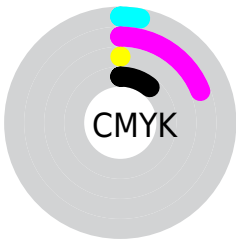
# Distribution



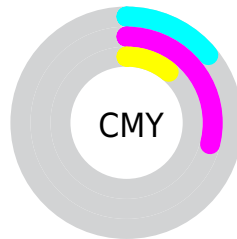
- Red (86%)
- Green (71%)
- Blue (89%)



- Red (86%)
- Yellow (71%)
- Blue (89%)



- Cyan (3%)
- Magenta (19%)
- Yellow (0%)
- Black (11%)



- Cyan (14%)
- Magenta (29%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 59.6688, 54.0070, 79.2310 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 59.6688, 54.0070, 79.2310 by changing the saturation by 10% instead.



■ 59.6688, 54.0070,  
79.2310

■ 59.6688, 54.0070,  
79.2310

413.2302,  
402.1367, 511.9757

■ 43.4002, 38.6073,  
58.5633

■ 103.4582, 96.0845,  
134.0856

■ 30.3951, 26.4543,  
41.8440

131.7096,  
123.5311, 169.1096

■ 20.2882, 17.1638,  
28.6545

164.6860,  
155.7621, 209.7562

■ 12.7142, 10.3514,  
18.5763

202.7528,  
193.1618, 256.4438

■ 7.3077, 5.6325,  
11.1908

246.2752,  
236.1148, 309.5910

■ 3.7033, 2.6230,  
6.0795

295.6187,

■ 1.5357, 0.9382,

285.0053, 369.6164

2.8239

351.1486,  
340.2178, 436.9384

■ 0.3499, 0.0000,  
1.0055

■ 0.0000, 0.0000,  
0.0000

■ 59.6688, 54.0070,  
79.2310

■ 59.6688, 54.0070,  
79.2310

■ 54.3391, 44.9354,  
77.7617

■ 65.7720, 64.5891,  
80.9527

■ 49.7422, 37.2958,  
76.5294

■ 72.6774, 76.7415,  
82.9344

■ 45.8408, 31.0129,  
75.5223

■ 80.4180, 90.5294,  
85.1877

■ 42.5924, 26.0020,  
74.7263

■ 83.2174, 94.3994,  
85.7872

39.9496, 22.1686,  
74.1257

84.4059, 95.0121,  
85.8428

37.8585, 19.4049,  
73.7025

85.6185, 95.6372,  
85.8995

36.2552, 17.5834,  
73.4354

86.8552, 96.2748,  
85.9574

35.0349, 16.4948,  
73.2896

88.1163, 96.9249,  
86.0164

34.9739, 16.4439,  
73.2830

89.4020, 97.5876,  
86.0766

# Harmonies

## Analogous

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



55.0615, 54.0070, 90.5578



59.6688, 54.0070, 79.2310



62.0851, 54.0070, 63.5459

# Triad

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



59.6688, 54.0070, 79.2310



52.9620, 54.0070, 34.4043



42.3751, 54.0070, 69.8658

# Complementary

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



59.6688, 54.0070, 79.2310



56.6282, 68.5904, 54.5134

# 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.



41.8983, 54.0070, 54.3049



59.6688, 54.0070, 79.2310



47.7749, 54.0070, 35.5054

# Square

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



59.6688, 54.0070, 79.2310



58.0412, 54.0070, 38.9087



43.8104, 54.0070, 42.2301



45.1609, 54.0070, 84.5362



# Rectangle

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



59.6688, 54.0070, 79.2310



62.0214, 54.0070, 53.4443



43.8104, 54.0070, 42.2301



41.9473, 54.0070, 64.5115

# Sweetspot

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



59.6704, 54.0093, 79.2322



89.4719, 90.1649, 107.2956



51.2906, 51.9774, 79.2816



19.0258, 19.0798, 22.9300



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.



59.6704, 54.0093, 79.2322



75.7589, 66.3909, 103.4295



59.8934, 54.3469, 69.1822



14.0697, 13.8195, 17.3136



20.0364, 9.4244, 41.8114



1.4470, 0.6833, 2.9009



# Inverse Universe

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



57.2792, 53.3013, 55.4161



72.1608, 65.3387, 66.9980



56.5296, 68.3551, 62.8400



13.7957, 13.7359, 14.6944



18.1027, 9.3081, 1.9407



1.2825, 0.6563, 0.2804



# Previews

## White Background



This preview shows how the XYZ color 59.6688, 54.0070, 79.2310 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

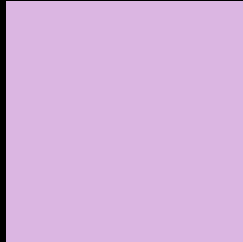
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 59.6688, 54.0070, 79.2310 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

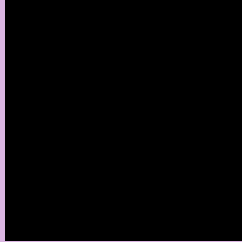
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**XYZ 59.6688, 54.0070, 79.2310**

## **Background**



This preview shows how black text looks on a background with the XYZ color 59.6688, 54.0070, 79.2310.



This preview shows how white text looks on a background with the XYZ color 59.6688, 54.0070,



# 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

59.6688, 54.0070, 79.2310

### Protanopia

54.0276, 54.4622, 84.7555

### Deuteranopia

55.5573, 54.4053, 78.8072



## Tritanopia

56.1259, 53.7819, 62.6811

# Trichromacy



## Original Color

59.6688, 54.0070, 79.2310

## Protanomaly

55.7692, 54.1141, 82.3686

## Deuteranomaly

56.8145, 54.0987, 78.6818

## Tritanomaly

57.3007, 53.9500, 68.3661

# Monochromacy



## Original Color

59.6688, 54.0070, 79.2310

## Achromatopsia

53.6758, 56.4712, 61.4971

## Achromatomaly

55.6884, 55.3752, 67.4279

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 59.6688, 54.0070, 79.2310 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(219, 182, 226)` looks like.

```
.text, #text, p{  
    color:rgb(219, 182, 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(219, 182, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 182, 226) }
```

## Border

The CSS property to change the border of an element to XYZ 59.6688, 54.0070, 79.2310 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(219, 182, 226) }
```



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

```
.border{ border-color:rgb(219, 182, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 182, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(219, 182, 226); -webkit-box-shadow:4px 4px 4px 4px rgb(219, 182, 226); box-shadow:4px 4px 4px 4px rgb(219, 182, 226) }
```

# Background

The CSS property to change the background color of an element to XYZ 59.6688, 54.0070, 79.2310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 182, 226) }
```

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

```
.background{ background-color: rgb(219,  
182, 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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