

# Converting Colors

XYZ(58.0039, 55.4542, 73.9763)

Have a look what the booklet for  
XYZ(58.0039, 55.4542, 73.9763)  
contains.

<b>XYZ(58.0039, 55.4542, 73.9763)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**XYZ(58.0039, 55.4542,  
73.9763)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D4BDDA
RGB	212, 189, 218
RGB Percent	83%, 74%, 85%
CMY	0.1686, 0.2588, 0.1451
CMYK	0.03, 0.13, 0.00, 0.15
HSL	288°, 28%, 80%
HSV	288°, 13%, 85%
XYZ	58.0039, 55.4542, 73.9763
YIQ	199.1830, 4.3990, 13.8950

# Conversions

## Conversions Part 2

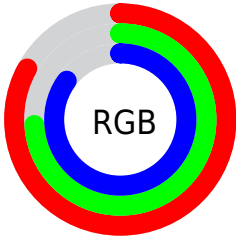
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	212, 189, 218
Decimal	13942234
CIE Lab	79.30, 13.32, -11.51
CIE LCh	79, 17.605, 319.179
Yxy	55.4542, 0.3095, 0.2959
Android (android.graphics.Color)	4292132314 (0xFFD4BDDA)
YUV	199.1830, 9.2768, 11.2405
Hunter-Lab	74.4676, 8.7180, -6.7715

# Details

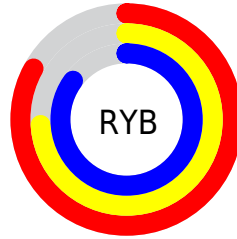
The XYZ color **58.0039, 55.4542, 73.9763** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **56.7644, 65.4205, 57.7825**, and the grayscale version is **54.3426, 57.1727, 62.2610**.

A 20% lighter version of the original color is **91.9424, 93.7848, 107.8641**, and **29.3196, 27.4208, 38.3978** is the 20% darker color. If you saturate the color by 10%, you get **52.3809, 46.1108, 72.4700**, and if you desaturate by 10%, it is **64.3714, 66.2308, 75.7216**.

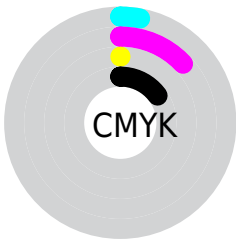
# Distribution



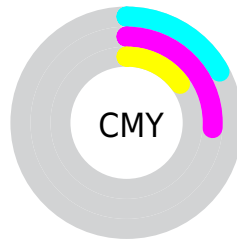
- Red (83%)
- Green (74%)
- Blue (85%)



- Red (83%)
- Yellow (74%)
- Blue (85%)



- Cyan (3%)
- Magenta (13%)
- Yellow (0%)
- Black (15%)



- Cyan (17%)
- Magenta (26%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 58.0039, 55.4542, 73.9763 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 58.0039, 55.4542, 73.9763 by changing the saturation by 10% instead.



■ 58.0039, 55.4542,  
73.9763

■ 58.0039, 55.4542,  
73.9763

407.1541,  
407.6313, 493.5528

■ 42.0551, 39.7655,  
54.2780

■ 101.0515, 98.2061,  
126.5959

■ 29.3357, 27.3557,  
38.4293

128.8809,  
126.0381, 160.3543

■ 19.4805, 17.8406,  
26.0116

161.4013,  
158.6866, 199.6365

■ 12.1240, 10.8356,  
16.6065

198.9779,  
196.5361, 244.8610

■ 6.9010, 5.9564,  
9.7953

241.9761,  
239.9709, 296.4463

■ 3.4460, 2.8186,  
5.1596

290.7613,

■ 1.3938, 1.0378,

289.3755, 354.8110

2.2809

345.6989,  
345.1341, 420.3737

■ 0.2518, 0.0000,  
0.7205

■ 0.0000, 0.0000,  
0.0000

■ 58.0039, 55.4542,  
73.9763

■ 58.0039, 55.4542,  
73.9763

■ 52.3809, 46.1108,  
72.4700

■ 64.3714, 66.2308,  
75.7216

■ 47.4657, 38.1304,  
71.1887

■ 71.5081, 78.4922,  
77.7122

■ 43.2260, 31.4481,  
70.1224

■ 79.4435, 92.2965,  
79.9584

■ 39.6249, 25.9903,  
69.2587

■ 81.0623, 93.4123,  
80.0885

36.6218, 21.6762,  
68.5843

82.5292, 94.1685,  
80.1571

34.1711, 18.4153,  
68.0840

84.0337, 94.9441,  
80.2275

32.2203, 16.1030,  
67.7405

85.5763, 95.7393,  
80.2997

30.7060, 14.6130,  
67.5327

87.1572, 96.5543,  
80.3737

29.8655, 13.9343,  
67.4460

88.7766, 97.3891,  
80.4495

# Harmonies

## Analogous

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



54.9653, 55.4542, 80.6282



58.0039, 55.4542, 73.9763



59.6478, 55.4542, 64.0976

# Triad

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



58.0039, 55.4542, 73.9763



53.9901, 55.4542, 43.2533



46.5626, 55.4542, 66.9830

# Complementary

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



58.0039, 55.4542, 73.9763



56.7644, 65.4205, 57.7825

# 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.



46.3277, 55.4542, 56.8093



58.0039, 55.4542, 73.9763



50.5125, 55.4542, 43.8421

# Square

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



58.0039, 55.4542, 73.9763



57.2627, 55.4542, 46.8520



47.7438, 55.4542, 48.5612



48.4006, 55.4542, 76.2901



# Rectangle

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



58.0039, 55.4542, 73.9763



59.6844, 55.4542, 57.3369



47.7438, 55.4542, 48.5612



46.2968, 55.4542, 63.5293

# Sweetspot

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



58.0055, 55.4566, 73.9775



91.1097, 93.2658, 107.8078



53.2221, 55.0406, 74.1493



19.3469, 19.6999, 23.0327



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.



58.0055, 55.4566, 73.9775



80.3493, 75.1084, 104.8702



58.7186, 55.9453, 68.5365



13.3369, 13.1318, 16.4839



17.9840, 8.3952, 40.4110



1.2329, 0.5788, 2.6212



# Inverse Universe

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



56.9633, 55.2432, 59.2931



78.6082, 74.7628, 79.8467



56.1625, 65.0042, 62.5429



13.1657, 13.0954, 14.1338



17.6387, 9.0565, 2.4777



1.1742, 0.5993, 0.3265



# Previews

## White Background



This preview shows how the XYZ color 58.0039, 55.4542, 73.9763 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

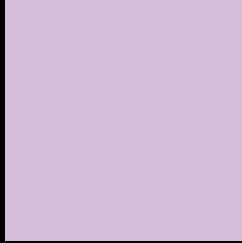
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 58.0039, 55.4542, 73.9763 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

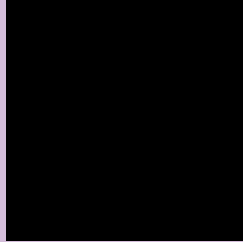
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**XYZ 58.0039, 55.4542, 73.9763**

## **Background**



This preview shows how black text looks on a background with the XYZ color 58.0039, 55.4542, 73.9763.



This preview shows how white text looks on a background with the XYZ color 58.0039, 55.4542,



# 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

58.0039, 55.4542, 73.9763

### Protanopia

54.4382, 55.5106, 76.9527

### Deuteranopia

56.7393, 55.4454, 74.0412



## Tritanopia

56.3497, 55.4195, 66.1196

# Trichromacy



## Original Color

58.0039, 55.4542, 73.9763

## Protanomaly

55.6743, 55.5025, 76.1853

## Deuteranomaly

57.0808, 55.2988, 73.9949

## Tritanomaly

56.9103, 55.3289, 68.6528

# Monochromacy



## Original Color

58.0039, 55.4542, 73.9763

## Achromatopsia

54.2854, 57.1125, 62.1955

## Achromatomaly

55.5575, 56.3238, 66.3359

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 58.0039, 55.4542, 73.9763 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(212, 189, 218)` looks like.

```
.text, #text, p{  
    color:rgb(212, 189, 218)  
}
```

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(212, 189, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 189, 218) }
```

## Border

The CSS property to change the border of an element to XYZ 58.0039, 55.4542, 73.9763 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".

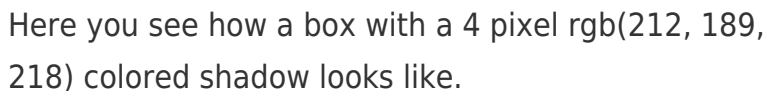
```
.border, #border, table{ border:4px solid rgb(212, 189, 218) }
```



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

```
.border{ border-color:rgb(212, 189, 218) }
```

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



Here you see how a box with a 4 pixel `rgb(212, 189, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(212, 189, 218); -webkit-box-shadow:4px 4px 4px 4px rgb(212, 189, 218); box-shadow:4px 4px 4px 4px rgb(212, 189, 218) }
```

# Background

The CSS property to change the background color of an element to XYZ 58.0039, 55.4542, 73.9763 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 189, 218) }
```

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

```
.background{ background-color: rgb(212,  
189, 218) }
```

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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