

# Converting Colors

XYZ(60.5367, 54.9155, 73.2317)

Have a look what the booklet for  
XYZ(60.5367, 54.9155, 73.2317)  
contains.

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# Color

**XYZ(60.5092, 54.8843,  
73.0502)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E1B7D9
RGB	225, 183, 217
RGB Percent	88%, 72%, 85%
CMY	0.1176, 0.2823, 0.1490
CMYK	0.00, 0.19, 0.04, 0.12
HSL	311°, 41%, 80%
HSV	311°, 19%, 88%
XYZ	60.5092, 54.8843, 73.0502
YIQ	199.4340, 14.1180, 19.4780

# Conversions

## Conversions Part 2

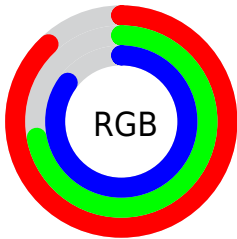
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	225, 183, 217
Decimal	14792665
CIE Lab	78.97, 20.75, -11.34
CIE LCh	79, 23.649, 331.356
Yxy	54.8843, 0.3211, 0.2913
Android (android.graphics.Color)	4292982745 (0xFFE1B7D9)
YUV	199.4340, 8.6600, 22.4214
Hunter-Lab	74.0839, 16.1457, -6.6039

# Details

The XYZ color **60.5092, 54.8843, 73.0502** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **55.8598, 67.6808, 59.4129**, and the grayscale version is **54.4958, 57.3338, 62.4365**.

A 20% lighter version of the original color is **90.1565, 90.2130, 107.2688**, and **30.8664, 27.0089, 37.7688** is the 20% darker color. If you saturate the color by 10%, you get **55.6844, 46.1145, 68.7274**, and if you desaturate by 10%, it is **66.0936, 65.1484, 77.6989**.

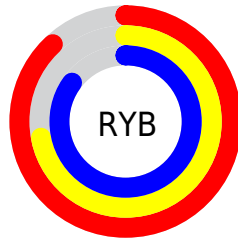
# Distribution



Red (88%)

Green (72%)

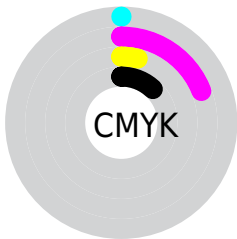
Blue (85%)



Red (88%)

Yellow (72%)

Blue (85%)

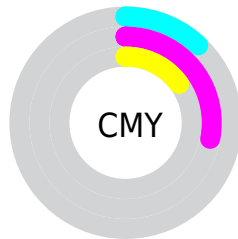


Cyan (0%)

Magenta (19%)

Yellow (4%)

Black (12%)



Cyan (12%)

Magenta (28%)

Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 60.5092, 54.8843, 73.0502 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 60.5092, 54.8843, 73.0502 by changing the saturation by 10% instead.



60.5092, 54.8843,  
73.0502

60.5092, 54.8843,  
73.0502

416.2769,  
405.4732, 490.2642

44.0802, 39.3091,  
53.5249

104.6701, 97.3714,  
125.2701

30.9318, 27.0003,  
37.8314

133.1328,  
125.0521, 158.8017

20.6985, 17.5734,  
25.5510

166.3374,  
157.5368, 197.8393

13.0150, 10.6442,  
16.2653

204.6493,  
195.2098, 242.8013

7.5159, 5.8281,  
9.5557

248.4338,  
238.4555, 294.1062

3.8360, 2.7408,  
5.0037

298.0563,

1.6098, 0.9980,

287.6584, 352.1726

2.1906

353.8822,  
343.2028, 417.4191

■ 0.3988, 0.0000,  
0.6690

■ 0.0000, 0.0000,  
0.0000

■ 60.5092, 54.8843,  
73.0502

■ 60.5092, 54.8843,  
73.0502

■ 55.6844, 46.1145,  
68.7274

■ 66.0936, 65.1484,  
77.6989

■ 51.5789, 38.7614,  
64.7147

■ 72.4656, 76.9652,  
82.6815

■ 48.1564, 32.7512,  
61.0000

■ 79.6579, 90.3989,  
88.0100

■ 45.3750, 28.0007,  
57.5688

■ 81.6840, 93.4766,  
91.6894

43.1885, 24.4175,  
54.4053

82.3079, 93.7262,  
94.9750

41.5441, 21.8961,  
51.4911

82.9468, 93.9818,  
98.3396

40.3797, 20.3125,  
48.8051

83.6009, 94.2434,  
101.7838

39.6016, 19.4799,  
46.3154

84.2701, 94.5111,  
105.3081

39.5096, 19.3909,  
45.9920

84.8617, 94.7477,  
108.4232

# Harmonies

## Analogous

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



57.0131, 54.8843, 84.7088



60.5092, 54.8843, 73.0502



61.7360, 54.8843, 59.1488

# Triad

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



60.5092, 54.8843, 73.0502



51.9522, 54.8843, 37.4325



44.8202, 54.8843, 74.2706

# Complementary

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



60.5092, 54.8843, 73.0502



55.8598, 67.6808, 59.4129

# 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.



43.6397, 54.8843, 60.3747



60.5092, 54.8843, 73.0502



47.6015, 54.8843, 40.2642

# Square

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



60.5092, 54.8843, 73.0502



56.6207, 54.8843, 39.7950



44.6271, 54.8843, 48.1876



47.9511, 54.8843, 85.4846



# Rectangle

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



60.5092, 54.8843, 73.0502



61.0469, 54.8843, 50.8179



44.6271, 54.8843, 48.1876



44.1909, 54.8843, 69.6933

# Sweetspot

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



60.5108, 54.8867, 73.0514



89.8961, 90.4374, 104.8846



51.9370, 50.3435, 78.2149



19.1264, 19.1444, 22.3582



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.



60.5108, 54.8867, 73.0514



78.0172, 68.6115, 94.9689



57.9847, 53.8763, 59.7492



14.1772, 13.8885, 16.7033



22.8082, 11.1903, 26.7195



1.6101, 0.7873, 2.0058



# Inverse Universe

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



60.5108, 54.8867, 73.0514



78.0172, 68.6115, 94.9689



58.3014, 68.6575, 72.2702



14.1772, 13.8885, 16.7033



22.8082, 11.1903, 26.7195



1.6101, 0.7873, 2.0058



# Previews

## White Background



This preview shows how the XYZ color 60.5092, 54.8843, 73.0502 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

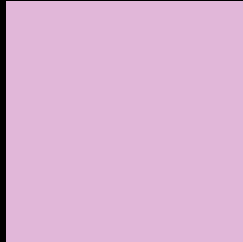
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 60.5092, 54.8843, 73.0502 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 60.5092, 54.8843, 73.0502**

## **Background**



This preview shows how black text looks on a background with the XYZ color 60.5092, 54.8843, 73.0502.



This preview shows how white text looks on a background with the XYZ color 60.5092, 54.8843,



# 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

60.5092, 54.8843, 73.0502

### Protanopia

54.2322, 55.0418, 78.2868

### Deuteranopia

56.2617, 54.9066, 72.5985



## Tritanopia

58.4157, 54.9759, 62.1762

# Trichromacy



## Original Color

60.5092, 54.8843, 73.0502

## Protanomaly

56.0932, 54.7439, 76.0168

## Deuteranomaly

57.6056, 54.6446, 72.4771

## Tritanomaly

59.2300, 55.0014, 65.8871

# Monochromacy



## Original Color

60.5092, 54.8843, 73.0502

## Achromatopsia

54.2854, 57.1125, 62.1955

## Achromatomaly

56.2230, 56.0061, 66.2395

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 60.5092, 54.8843, 73.0502 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(225, 183, 217)` looks like.

```
.text, #text, p{  
    color:rgb(225, 183, 217)  
}
```

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(225, 183, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 183, 217) }
```

## Border

The CSS property to change the border of an element to XYZ 60.5092, 54.8843, 73.0502 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(225, 183, 217) }
```



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

```
.border{ border-color:rgb(225, 183, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 183, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 183, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 183, 217);  
box-shadow:4px 4px 4px 4px rgb(225, 183,  
217) }
```

# Background

The CSS property to change the background color of an element to XYZ 60.5092, 54.8843, 73.0502 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 183, 217) }
```

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

```
.background{ background-color: rgb(225,  
183, 217) }
```

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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