

# Converting Colors

XYZ(60.4878, 58.0189, 73.6017)

Have a look what the booklet for  
XYZ(60.4878, 58.0189, 73.6017)  
contains.

<b>XYZ(60.5078, 58.0551, 73.6623)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	12
<i><b>Previews</b></i> .....	24
<i><b>Color Blindness Simulation</b></i> .....	28
<i><b>CSS Examples</b></i> .....	31

# Color

**XYZ(60.5078, 58.0551,  
73.6623)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DAC1D9
RGB	218, 193, 217
RGB Percent	85%, 76%, 85%
CMY	0.1451, 0.2431, 0.1490
CMYK	0.00, 0.11, 0.00, 0.15
HSL	302°, 25%, 81%
HSV	302°, 11%, 85%
XYZ	60.5078, 58.0551, 73.6623
YIQ	203.2110, 7.1960, 12.7640

# Conversions

## Conversions Part 2

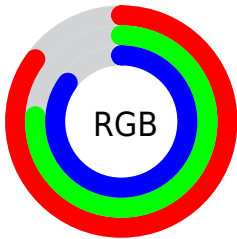
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	218, 193, 217
Decimal	14336473
CIE <sub>Lab</sub>	80.77, 13.02, -8.73
CIE <sub>LCh</sub>	81, 15.671, 326.150
Yxy	58.0551, 0.3148, 0.3020
Android (android.graphics.Color)	4292526553 (0xFFDAC1D9)
YUV	203.2110, 6.7980, 12.9700
Hunter-Lab	76.1939, 8.4127, -3.9843

# Details

The XYZ color **60.5078, 58.0551, 73.6623** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.8036, 65.3770, 60.6671**, and the grayscale version is **56.8542, 59.8150, 65.1386**.

A 20% lighter version of the original color is **93.1657, 96.2314, 108.2719**, and **30.8585, 28.8604, 38.1266** is the 20% darker color. If you saturate the color by 10%, you get **55.9269, 49.0735, 71.5777**, and if you desaturate by 10%, it is **65.8031, 68.4627, 75.9894**.

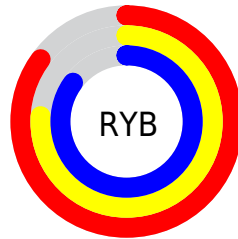
# Distribution



Red (85%)

Green (76%)

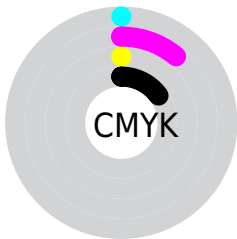
Blue (85%)



Red (85%)

Yellow (76%)

Blue (85%)

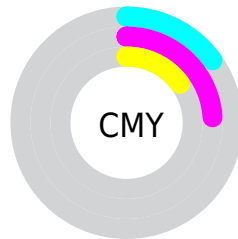


Cyan (0%)

Magenta (11%)

Yellow (0%)

Black (15%)



Cyan (15%)

Magenta (24%)

Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 60.5078, 58.0551, 73.6623 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 60.5078, 58.0551, 73.6623 by changing the saturation by 10% instead.



60.5078, 58.0551,  
73.6623

60.5078, 58.0551,  
73.6623

416.2718,  
417.3912, 492.4392

44.0791, 41.8529,  
54.0226

104.6681,  
102.0031, 126.1466

30.9309, 28.9862,  
38.2264

133.1304,  
130.5177, 159.8282

20.6978, 19.0704,  
25.8553

166.3346,  
163.9053, 199.0276

13.0145, 11.7211,  
16.4906

204.6461,  
202.5502, 244.1633

7.5156, 6.5541,  
9.7139

248.4302,  
246.8369, 295.6537

3.8358, 3.1848,  
5.1065

298.0523,

1.6096, 1.2290,

297.1497, 353.9175

2.2501

353.8777,  
353.8730, 419.3731

■ 0.3987, 0.0852,  
0.7031

■ 0.0000, 0.0000,  
0.0000

■ 60.5078, 58.0551,  
73.6623

■ 60.5078, 58.0551,  
73.6623

■ 55.9269, 49.0735,  
71.5777

■ 65.8031, 68.4627,  
75.9894

■ 52.0242, 41.4483,  
69.7214

■ 71.8367, 80.3468,  
78.5648

■ 48.7683, 35.1157,  
68.0837

■ 77.5416, 91.5727,  
81.0337

■ 46.1231, 30.0036,  
66.6524

■ 77.6572, 91.6190,  
81.6425

44.0491, 26.0328,  
65.4145

77.7734, 91.6655,  
82.2544

42.5020, 23.1149,  
64.3552

77.8902, 91.7122,  
82.8695

41.4311, 21.1485,  
63.4576

78.0076, 91.7592,  
83.4878

40.7758, 20.0124,  
62.7014

78.1257, 91.8064,  
84.1093

40.4570, 19.5229,  
62.1385

78.2443, 91.8538,  
84.7340

# Harmonies

## Analogous

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



57.9663, 58.0551, 80.5874



60.5078, 58.0551, 73.6623



61.6207, 58.0551, 64.4158

# Triad

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



60.5078, 58.0551, 73.6623



55.5983, 58.0551, 47.0535



49.7828, 58.0551, 71.3918

# Complementary

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



60.5078, 58.0551, 73.6623



56.8036, 65.3770, 60.6671

# 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.



49.2038, 58.0551, 62.0235



60.5078, 58.0551, 73.6623



52.4837, 58.0551, 48.5331

# Square

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



60.5078, 58.0551, 73.6623



58.7171, 58.0551, 49.5430



50.1738, 58.0551, 53.8002



51.7872, 58.0551, 79.1892



# Rectangle

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



60.5078, 58.0551, 73.6623



61.3720, 58.0551, 58.3860



50.1738, 58.0551, 53.8002



49.4185, 58.0551, 68.2971

# Sweetspot

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



60.5095, 58.0576, 73.6636



92.6086, 95.1961, 107.8433



53.9328, 54.6521, 74.0370



19.6859, 20.1081, 23.0236



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.



60.5095, 58.0576, 73.6636



84.4707, 79.2080, 104.2432



58.9646, 57.4397, 65.5282



13.5907, 13.2654, 16.3719



24.2475, 11.7001, 37.2792



1.5780, 0.7608, 2.4528



# Inverse Universe

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



60.5095, 58.0576, 73.6636



84.4707, 79.2080, 104.2432



58.2469, 65.9543, 68.2676



13.5907, 13.2654, 16.3719



24.2475, 11.7001, 37.2792



1.5780, 0.7608, 2.4528



# Previews

## White Background



This preview shows how the XYZ color 60.5078, 58.0551, 73.6623 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 60.5078, 58.0551, 73.6623 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

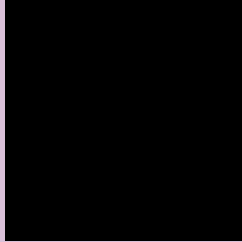
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**XYZ 60.5078, 58.0551, 73.6623**

## **Background**



This preview shows how black text looks on a background with the XYZ color 60.5078, 58.0551, 73.6623.



This preview shows how white text looks on a background with the XYZ color 60.5078, 58.0551,

73.6623.

# 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

60.5078, 58.0551, 73.6623

### Protanopia

56.7633, 58.0731, 76.6241

### Deuteranopia

59.4801, 58.1861, 73.7417



## Tritanopia

59.4157, 57.9387, 68.3734

# Trichromacy



## Original Color

60.5078, 58.0551, 73.6623

## Protanomaly

58.0614, 58.0789, 75.8603

## Deuteranomaly

59.8405, 58.0404, 73.6946

## Tritanomaly

59.7907, 58.0888, 70.3483

# Monochromacy



## Original Color

60.5078, 58.0551, 73.6623

## Achromatopsia

56.7640, 59.7202, 65.0353

## Achromatomaly

57.8210, 58.8108, 67.9786

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 60.5078, 58.0551, 73.6623 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(218, 193, 217)` looks like.

```
.text, #text, p{  
    color:rgb(218, 193, 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(218, 193, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 193, 217) }
```

## Border

The CSS property to change the border of an element to XYZ 60.5078, 58.0551, 73.6623 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(218, 193, 217) }
```



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

```
.border{ border-color:rgb(218, 193, 217) }
```

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

Here you see how a box with a 4 pixel rgb(218, 193, 217) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 193, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 193, 217);  
box-shadow:4px 4px 4px 4px rgb(218, 193,  
217) }
```

# Background

The CSS property to change the background color of an element to XYZ 60.5078, 58.0551, 73.6623 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 193, 217) }
```

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

```
.background{ background-color: rgb(218,  
193, 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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