

Converting Colors

XYZ(56.3059, 50.5846, 73.5863)

Have a look what the booklet for
XYZ(56.3059, 50.5846, 73.5863)
contains.

XYZ(56.3358, 50.6122, 73.8177)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(56.3358, 50.6122,
73.8177)**

Conversions

Conversions Part 1

Format	Color
Hex	D7B0DB
RGB	215, 176, 219
RGB Percent	84%, 69%, 86%
CMY	0.1569, 0.3098, 0.1412
CMYK	0.02, 0.20, 0.00, 0.14
HSL	294°, 37%, 77%
HSV	294°, 20%, 86%
XYZ	56.3358, 50.6122, 73.8177
YIQ	192.5630, 9.4410, 21.6410

Conversions

Conversions Part 2

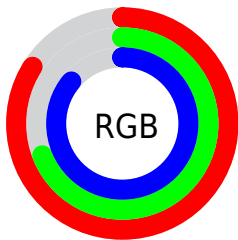
Format	Color
R _Y B	215, 176, 219
Decimal	14135515
CIE Lab	76.44, 21.54, -16.31
CIE LCh	76, 27.018, 322.864
Yxy	50.6122, 0.3117, 0.2800
Android (android.graphics.Color)	4292325595 (0xFFD7B0DB)
YUV	192.5630, 13.0334, 19.6772
Hunter-Lab	71.1423, 16.8508, -11.7201

Details

The XYZ color **56.3358, 50.6122, 73.8177** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **51.9922, 63.5022, 50.5937**, and the grayscale version is **50.3556, 52.9780, 57.6931**.

A 20% lighter version of the original color is **88.1466, 86.1932, 106.5989**, and **28.2810, 24.3198, 38.3256** is the 20% darker color. If you saturate the color by 10%, you get **51.7894, 42.4011, 72.4732**, and if you desaturate by 10%, it is **61.5854, 60.2169, 75.3957**.

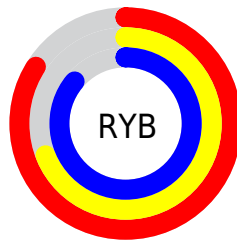
Distribution



Red (84%)

Green (69%)

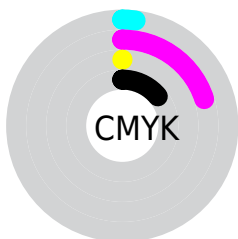
Blue (86%)



Red (84%)

Yellow (69%)

Blue (86%)

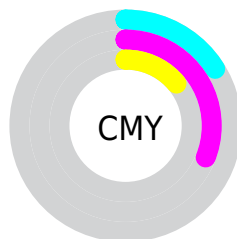


Cyan (2%)

Magenta (20%)

Yellow (0%)

Black (14%)



Cyan (16%)

Magenta (31%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.3358, 50.6122, 73.8177 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 56.3358, 50.6122, 73.8177 by changing the saturation by 10% instead.

■ 56.3358, 50.6122,
73.8177

■ 56.3358, 50.6122,
73.8177

401.0103,
389.0552, 492.9905

■ 40.7103, 35.9001,
54.1490

■ 98.6323, 91.0813,
126.3690

■ 28.2794, 24.3570,
38.3268

126.0341,
117.6070, 160.0887

■ 18.6779, 15.5987,
25.9326

158.0919,
148.8394, 199.3290

■ 11.5404, 9.2406,
16.5479

195.1712,
185.1629, 244.5086

■ 6.5015, 4.8985,
9.7542

237.6374,
226.9618, 296.0461

■ 3.1959, 2.1878,
5.1328

285.8557,

■ 1.2582, 0.7133,

274.6206, 354.3598

2.2653

340.1916,
328.5236, 419.8685

■ 0.1516, 0.0000,
0.7117

■ 0.0000, 0.0000,
0.0000

■ 56.3358, 50.6122,
73.8177

■ 56.3358, 50.6122,
73.8177

■ 51.7894, 42.4011,
72.4732

■ 61.5854, 60.2169,
75.3957

■ 47.9084, 35.5107,
71.3477

■ 67.5646, 71.2705,
77.2141

■ 44.6585, 29.8714,
70.4305

■ 74.3040, 83.8333,
79.2838

■ 42.0003, 25.4047,
69.7085

■ 79.0241, 92.3464,
80.6782

39.8900, 22.0230,
69.1670

79.6561, 92.6722,
80.7077

38.2778, 19.6266,
68.7894

80.2958, 93.0020,
80.7377

37.1046, 18.0972,
68.5560

80.9431, 93.3357,
80.7680

36.2696, 17.2336,
68.4333

81.5980, 93.6733,
80.7986

36.2411, 17.2059,
68.4295

82.2605, 94.0148,
80.8296

Harmonies

Analogous

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



52.0086, 50.6122, 85.1749



56.3358, 50.6122, 73.8177



58.4831, 50.6122, 58.6633

Triad

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



56.3358, 50.6122, 73.8177



49.3313, 50.6122, 31.7151



39.6403, 50.6122, 66.7301

Complementary

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



56.3358, 50.6122, 73.8177



51.9922, 63.5022, 50.5937

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.



39.0342, 50.6122, 51.6995



56.3358, 50.6122, 73.8177



44.4025, 50.6122, 33.1083

Square

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



56.3358, 50.6122, 73.8177



54.2582, 50.6122, 35.6495



40.7183, 50.6122, 39.8614



42.4363, 50.6122, 80.6052

Rectangle

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



56.3358, 50.6122, 73.8177



58.2899, 50.6122, 49.1011



40.7183, 50.6122, 39.8614



39.1821, 50.6122, 61.5860

Sweetspot

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



56.3373, 50.6144, 73.8188



89.8402, 90.3547, 107.3129



47.0747, 47.1108, 73.6307



19.1131, 19.1248, 22.9340



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.



56.3373, 50.6144, 73.8188



76.4737, 65.9108, 103.2992



55.3773, 50.3677, 62.5579



13.4888, 13.2101, 16.4910



21.5389, 10.2279, 40.5774



1.4310, 0.6809, 2.6305

Inverse Universe

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



52.9787, 49.4083, 49.9269



70.8535, 63.9011, 62.9332



52.8857, 63.7536, 60.0894



13.1050, 13.0711, 13.8141



17.4167, 8.9677, 1.3083



1.1456, 0.5879, 0.1757

Previews

White Background



This preview shows how the XYZ color 56.3358, 50.6122, 73.8177 looks on a white background.

Color Contrast Check

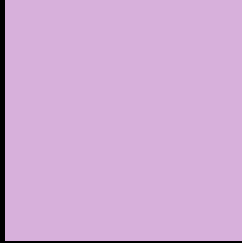
Large Text (above 18pt) WCAG AA × Fail

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 56.3358, 50.6122, 73.8177 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

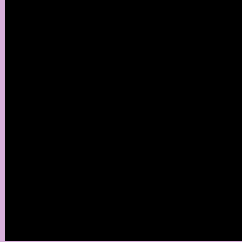
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.3358, 50.6122, 73.8177

Background



This preview shows how black text looks on a background with the XYZ color 56.3358, 50.6122, 73.8177.



This preview shows how white text looks on a background with the XYZ color 56.3358, 50.6122,

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

56.3358, 50.6122, 73.8177

Protanopia

50.3202, 50.7349, 79.0922

Deuteranopia

51.6572, 50.6282, 72.6952



Tritanopia

52.9228, 50.3864, 57.9752

Trichromacy



Original Color

56.3358, 50.6122, 73.8177

Protanomaly

52.2451, 50.5321, 76.8121

Deuteranomaly

53.2662, 50.5272, 73.2750

Tritanomaly

54.0510, 50.5490, 63.4081

Monochromacy



Original Color

56.3358, 50.6122, 73.8177

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

52.5184, 52.2224, 63.1890

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.3358, 50.6122, 73.8177 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(215, 176, 219)` looks like.

```
.text, #text, p{  
    color:rgb(215, 176, 219)  
}
```

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(215, 176, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 176, 219) }
```

Border

The CSS property to change the border of an element to XYZ 56.3358, 50.6122, 73.8177 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(215, 176, 219) }
```


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

```
.border{ border-color:rgb(215, 176, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 176, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 176, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 176, 219);  
box-shadow:4px 4px 4px 4px rgb(215, 176,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 56.3358, 50.6122, 73.8177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 176, 219) }
```

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

```
.background{ background-color: rgb(215,  
176, 219) }
```

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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