

Converting Colors

XYZ(55.8248, 50.3927, 81.2798)

Have a look what the booklet for
XYZ(55.8248, 50.3927, 81.2798)
contains.

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Color

**XYZ(56.0175, 50.5673,
81.6709)**

Conversions

Conversions Part 1

Format	Color
Hex	D0B1E6
RGB	208, 177, 230
RGB Percent	82%, 69%, 90%
CMY	0.1843, 0.3059, 0.0980
CMYK	0.10, 0.23, 0.00, 0.10
HSL	275°, 51%, 80%
HSV	275°, 23%, 90%
XYZ	56.0175, 50.5673, 81.6709
YIQ	192.3110, 1.4630, 23.0550

Conversions

Conversions Part 2

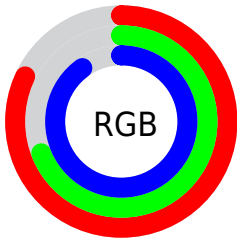
Format	Color
R _Y B	208, 177, 230
Decimal	13677030
CIE Lab	76.42, 20.86, -22.38
CIE LCh	76, 30.598, 312.993
Yxy	50.5673, 0.2976, 0.2686
Android (android.graphics.Color)	4291867110 (0xFFD0B1E6)
YUV	192.3110, 18.5807, 13.7593
Hunter-Lab	71.1107, 16.1698, -18.3173

Details

The XYZ color **56.0175, 50.5673, 81.6709** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **59.7874, 71.9113, 52.3264**, and the grayscale version is **50.1801, 52.7934, 57.4920**.

A 20% lighter version of the original color is **88.4289, 86.7578, 106.6930**, and **27.9845, 24.2436, 43.2489** is the 20% darker color. If you saturate the color by 10%, you get **49.2481, 40.8935, 80.1612**, and if you desaturate by 10%, it is **63.7173, 61.8599, 83.4456**.

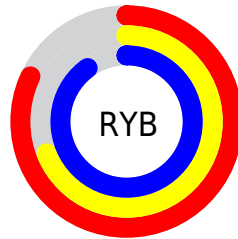
Distribution



Red (82%)

Green (69%)

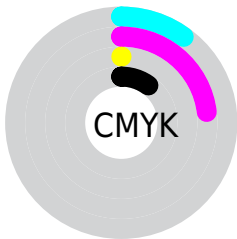
Blue (90%)



Red (82%)

Yellow (69%)

Blue (90%)

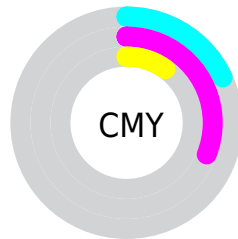


Cyan (10%)

Magenta (23%)

Yellow (0%)

Black (10%)



Cyan (18%)

Magenta (31%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.0175, 50.5673, 81.6709 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 56.0175, 50.5673, 81.6709 by changing the saturation by 10% instead.

■ 56.0175, 50.5673,
81.6709

■ 56.0175, 50.5673,
81.6709

399.8314,
388.8803, 520.4007

■ 40.4540, 35.8644,
60.5601

■ 98.1698, 91.0148,
137.5449

■ 28.0785, 24.3295,
43.4420

125.4894,
117.5283, 173.1452

■ 18.5256, 15.5782,
29.8981

157.4583,
148.7473, 214.4124

■ 11.4300, 9.2262,
19.5098

194.4420,
185.0563, 261.7650

■ 6.4262, 4.8890,
11.8587

236.8058,
226.8397, 315.6216

■ 3.1490, 2.1823,
6.5262

284.9151,

■ 1.2331, 0.7103,

274.4819, 376.4007

3.0937

339.1351,
328.3673, 444.5209

■ 0.1322, 0.0000,
1.1427

■ 0.0000, 0.0000,
0.0000

■ 56.0175, 50.5673,
81.6709

■ 56.0175, 50.5673,
81.6709

■ 49.2481, 40.8935,
80.1612

■ 63.7173, 61.8599,
83.4456

■ 43.3632, 32.7539,
78.9003

■ 72.3811, 74.8377,
85.4939

■ 38.3198, 26.0659,
77.8752

■ 82.0466, 89.5709,
87.8283

■ 34.0690, 20.7360,
77.0705

■ 88.1163, 96.8607,
88.9154

■ 30.5562, 16.6599,
76.4688

■ 91.2831, 98.4932,
89.0636

■ 27.7189, 13.7169,
76.0503

■ 25.4820, 11.7616,
75.7908

■ 24.1989, 10.8250,
75.6777

Harmonies

Analogous

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



50.5960, 50.5673, 92.1098



56.0175, 50.5673, 81.6709



59.4506, 50.5673, 64.8676

Triad

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



56.0175, 50.5673, 81.6709



51.3755, 50.5673, 29.9564



38.0585, 50.5673, 62.5028

Complementary

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



56.0175, 50.5673, 81.6709



59.7874, 71.9113, 52.3264

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.



38.2306, 50.5673, 46.2930



56.0175, 50.5673, 81.6709



45.6154, 50.5673, 29.5747

Square

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



56.0175, 50.5673, 81.6709



56.6273, 50.5673, 36.1386



40.8991, 50.5673, 34.9648



40.4084, 50.5673, 79.6443

Rectangle

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



56.0175, 50.5673, 81.6709



59.9930, 50.5673, 53.4197



40.8991, 50.5673, 34.9648



37.8292, 50.5673, 56.7319

Sweetspot

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



56.0191, 50.5694, 81.6720



86.9440, 87.7570, 106.9641



52.8588, 55.9474, 82.8766



18.4662, 18.5686, 22.8608



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.



56.0191, 50.5694, 81.6720



66.2718, 57.4008, 102.1943



62.0270, 53.7374, 78.7562



14.3865, 14.3015, 18.1465



13.8422, 6.2018, 42.8507



1.1280, 0.5125, 3.1714

Inverse Universe

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



58.6656, 52.3928, 61.0556



70.3380, 60.1912, 71.0202



54.8133, 69.2953, 54.4291



14.6239, 14.4667, 16.2196



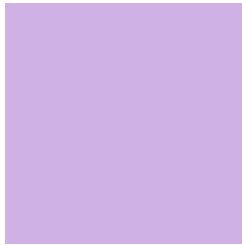
19.7143, 10.0199, 7.3904



1.5022, 0.7586, 0.7850

Previews

White Background



This preview shows how the XYZ color 56.0175, 50.5673, 81.6709 looks on a white background.

Color Contrast Check

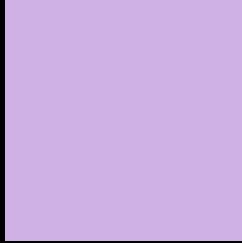
Large Text (above 18pt) WCAG AA × Fail

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 56.0175, 50.5673, 81.6709 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

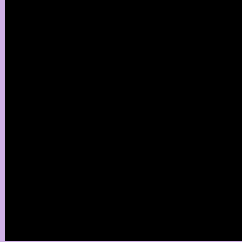
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.0175, 50.5673, 81.6709

Background



This preview shows how black text looks on a background with the XYZ color 56.0175, 50.5673, 81.6709.



This preview shows how white text looks on a background with the XYZ color 56.0175, 50.5673,

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

56.0175, 50.5673, 81.6709

Protanopia

50.9609, 50.8852, 87.2567

Deuteranopia

51.9853, 50.9199, 81.2173



Tritanopia

51.6401, 50.5947, 59.8673

Trichromacy



Original Color

56.0175, 50.5673, 81.6709

Protanomaly

52.5238, 50.4989, 84.8209

Deuteranomaly

53.3765, 50.7151, 81.1045

Tritanomaly

53.2093, 50.6303, 67.2898

Monochromacy



Original Color

56.0175, 50.5673, 81.6709

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

52.1996, 52.0026, 65.6788

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.0175, 50.5673, 81.6709 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(208, 177, 230)` looks like.

```
.text, #text, p{  
    color:rgb(208, 177, 230)  
}
```

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(208, 177, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 177, 230) }
```

Border

The CSS property to change the border of an element to XYZ 56.0175, 50.5673, 81.6709 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(208, 177, 230) }
```


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

```
.border{ border-color:rgb(208, 177, 230) }
```

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

Here you see how a box with a 4 pixel rgb(208, 177, 230) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 177, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 177, 230);  
box-shadow:4px 4px 4px 4px rgb(208, 177,  
230) }
```

Background

The CSS property to change the background color of an element to XYZ 56.0175, 50.5673, 81.6709 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 177, 230) }
```

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

```
.background{ background-color: rgb(208,  
177, 230) }
```

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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