

Converting Colors

XYZ(56.9192, 53.3575, 72.2652)

Have a look what the booklet for
XYZ(56.9192, 53.3575, 72.2652)
contains.

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Color

**XYZ(56.9757, 53.3850,
72.2671)**

Conversions

Conversions Part 1

Format	Color
Hex	D5B8D8
RGB	213, 184, 216
RGB Percent	84%, 72%, 85%
CMY	0.1647, 0.2784, 0.1529
CMYK	0.01, 0.15, 0.00, 0.15
HSL	294°, 29%, 78%
HSV	294°, 15%, 85%
XYZ	56.9757, 53.3850, 72.2671
YIQ	196.3190, 7.0120, 16.1000

Conversions

Conversions Part 2

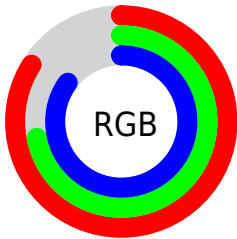
Format	Color
R _Y B	213, 184, 216
Decimal	14006488
CIE Lab	78.10, 15.98, -12.21
CIE LCh	78, 20.110, 322.603
Yxy	53.3850, 0.3120, 0.2923
Android (android.graphics.Color)	4292196568 (0xFFD5B8D8)
YUV	196.3190, 9.7027, 14.6292
Hunter-Lab	73.0650, 11.3295, -7.4970

Details

The XYZ color **56.9757, 53.3850, 72.2671** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **53.7031, 63.1386, 54.7067**, and the grayscale version is **52.6028, 55.3422, 60.2677**.

A 20% lighter version of the original color is **90.4501, 90.8002, 107.3667**, and **28.6499, 26.0749, 37.2412** is the 20% darker color. If you saturate the color by 10%, you get **52.2437, 44.7868, 70.8577**, and if you desaturate by 10%, it is **62.4033, 63.3617, 73.9075**.

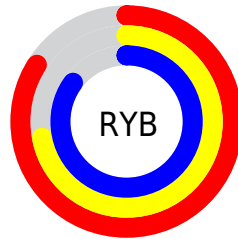
Distribution



Red (84%)

Green (72%)

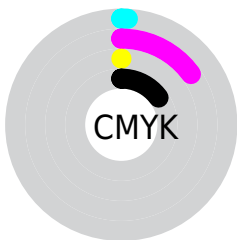
Blue (85%)



Red (84%)

Yellow (72%)

Blue (85%)

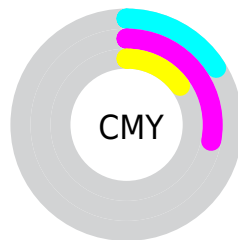


Cyan (1%)

Magenta (15%)

Yellow (0%)

Black (15%)



Cyan (16%)

Magenta (28%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.9757, 53.3850, 72.2671 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 56.9757, 53.3850, 72.2671 by changing the saturation by 10% instead.

■ 56.9757, 53.3850,
72.2671

■ 56.9757, 53.3850,
72.2671

403.3739,
399.7605, 487.4733

■ 41.2258, 38.1102,
52.8887

■ 99.5613, 95.1707,
124.1475

■ 28.6840, 26.0682,
37.3268

127.1277,
122.4503, 157.4865

■ 18.9850, 16.8747,
25.1629

159.3636,
154.5003, 196.3162

■ 11.7634, 10.1452,
15.9783

196.6345,
191.7052, 241.0551

■ 6.6538, 5.4953,
9.3546

239.3056,
234.4492, 292.1217

■ 3.2909, 2.5407,
4.8732

287.7423,

■ 1.3094, 0.8970,

283.1169, 349.9346

2.1156

342.3099,
338.0925, 414.9122

■ 0.1903, 0.0000,
0.6251

■ 0.0000, 0.0000,
0.0000

■ 56.9757, 53.3850,
72.2671

■ 56.9757, 53.3850,
72.2671

■ 52.2437, 44.7868,
70.8577

■ 62.4033, 63.3617,
73.9075

■ 48.1716, 37.4983,
69.6655

■ 68.5507, 74.7680,
75.7852

■ 44.7275, 31.4551,
68.6805

■ 75.4468, 87.6610,
77.9103

■ 41.8751, 26.5845,
67.8908

■ 78.0046, 91.8661,
78.5871

39.5743, 22.8065,
67.2828

78.6254, 92.1861,
78.6162

37.7801, 20.0309,
66.8416

79.2536, 92.5099,
78.6456

36.4402, 18.1531,
66.5498

79.8893, 92.8376,
78.6753

35.4906, 17.0454,
66.3860

80.5325, 93.1692,
78.7054

35.0948, 16.6602,
66.3325

81.1833, 93.5047,
78.7359

Harmonies

Analogous

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



53.6970, 53.3850, 80.4513



56.9757, 53.3850, 72.2671



58.5990, 53.3850, 60.9546

Triad

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



56.9757, 53.3850, 72.2671



51.7187, 53.3850, 39.2198



44.0876, 53.3850, 66.8362

Complementary

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



56.9757, 53.3850, 72.2671



53.7031, 63.1386, 54.7067

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.



43.6186, 53.3850, 55.3886



56.9757, 53.3850, 72.2671



47.8952, 53.3850, 40.3696

Square

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



56.9757, 53.3850, 72.2671



55.4638, 53.3850, 42.5915



44.9783, 53.3850, 45.9636



46.2939, 53.3850, 77.0444

Rectangle

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



56.9757, 53.3850, 72.2671



58.4680, 53.3850, 53.5377



44.9783, 53.3850, 45.9636



43.7263, 53.3850, 62.9718

Sweetspot

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



56.9773, 53.3873, 72.2683



91.5310, 93.4829, 107.8276



49.9769, 50.7764, 72.1333



19.4539, 19.7551, 23.0377



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.



56.9773, 53.3873, 72.2683



80.5495, 73.3229, 104.5151



56.2644, 53.2036, 63.9305



12.8329, 12.5708, 15.6876



20.8217, 9.8865, 39.2640



1.2901, 0.6139, 2.3698

Inverse Universe

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



54.4309, 52.4702, 54.2753



76.1265, 71.7346, 73.0534



54.3800, 63.3255, 62.0622



12.4701, 12.4395, 13.1497



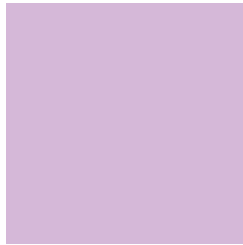
16.8556, 8.6786, 1.2777



1.0333, 0.5301, 0.1646

Previews

White Background



This preview shows how the XYZ color 56.9757, 53.3850, 72.2671 looks on a white background.

Color Contrast Check

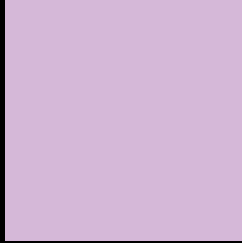
Large Text (above 18pt) WCAG AA × Fail

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 56.9757, 53.3850, 72.2671 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

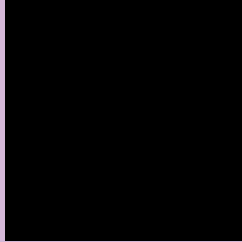
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.9757, 53.3850, 72.2671

Background



This preview shows how black text looks on a background with the XYZ color 56.9757, 53.3850, 72.2671.



This preview shows how white text looks on a background with the XYZ color 56.9757, 53.3850,

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

56.9757, 53.3850, 72.2671

Protanopia

52.6398, 53.6111, 75.9802

Deuteranopia

54.6061, 53.4293, 71.7248



Tritanopia

55.1769, 53.6066, 62.6973

Trichromacy



Original Color

56.9757, 53.3850, 72.2671

Protanomaly

54.0097, 53.3800, 74.4746

Deuteranomaly

55.4897, 53.5688, 71.7052

Tritanomaly

55.8509, 53.5711, 65.7891

Monochromacy



Original Color

56.9757, 53.3850, 72.2671

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

53.9863, 54.5676, 64.1871

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.9757, 53.3850, 72.2671 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(213, 184, 216)` looks like.

```
.text, #text, p{  
    color:rgb(213, 184, 216)  
}
```

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(213, 184, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 184, 216) }
```

Border

The CSS property to change the border of an element to XYZ 56.9757, 53.3850, 72.2671 is called "border". The border property can be set on classes, ids or directly on the HTML element.

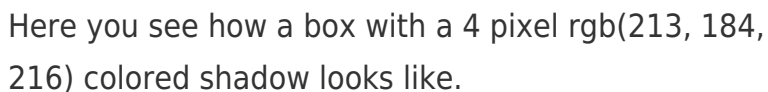
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(213, 184, 216) }
```


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

```
.border{ border-color:rgb(213, 184, 216) }
```

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



Here you see how a box with a 4 pixel `rgb(213, 184, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 184, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 184, 216);  
box-shadow:4px 4px 4px 4px rgb(213, 184,  
216) }
```

Background

The CSS property to change the background color of an element to XYZ 56.9757, 53.3850, 72.2671 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 184, 216) }
```

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

```
.background{ background-color: rgb(213,  
184, 216) }
```

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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