

Converting Colors

XYZ(57.0983, 53.7804, 72.5622)

Have a look what the booklet for
XYZ(57.0983, 53.7804, 72.5622)
contains.

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Color

**XYZ(56.8950, 53.6528,
72.3231)**

Conversions

Conversions Part 1

Format	Color
Hex	D4B9D8
RGB	212, 185, 216
RGB Percent	83%, 73%, 85%
CMY	0.1686, 0.2745, 0.1529
CMYK	0.02, 0.14, 0.00, 0.15
HSL	292°, 28%, 79%
HSV	292°, 14%, 85%
XYZ	56.8950, 53.6528, 72.3231
YIQ	196.6070, 6.1410, 15.3650

Conversions

Conversions Part 2

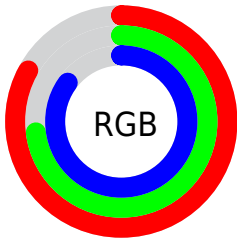
Format	Color
R _Y B	212, 185, 216
Decimal	13941208
CIE Lab	78.26, 15.10, -11.99
CIE LCh	78, 19.279, 321.554
Yxy	53.6528, 0.3111, 0.2934
Android (android.graphics.Color)	4292131288 (0xFFD4B9D8)
YUV	196.6070, 9.5607, 13.4997
Hunter-Lab	73.2481, 10.4647, -7.2676

Details

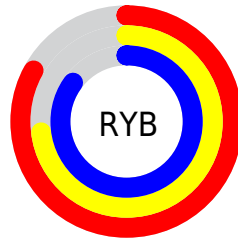
The XYZ color **56.8950, 53.6528, 72.3231** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **54.3010, 63.4347, 55.2837**, and the grayscale version is **52.7770, 55.5255, 60.4673**.

A 20% lighter version of the original color is **90.7453, 91.3906, 107.4651**, and **28.5889, 26.2438, 37.2770** is the 20% darker color. If you saturate the color by 10%, you get **51.9192, 44.8828, 70.8934**, and if you desaturate by 10%, it is **62.5744, 63.8075, 73.9846**.

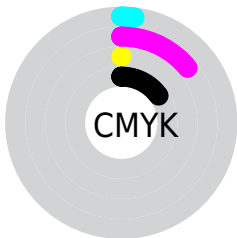
Distribution



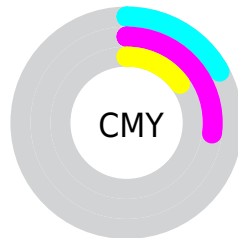
- Red (83%)
- Green (73%)
- Blue (85%)



- Red (83%)
- Yellow (73%)
- Blue (85%)



- Cyan (2%)
- Magenta (14%)
- Yellow (0%)
- Black (15%)



- Cyan (17%)
- Magenta (27%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.8950, 53.6528, 72.3231 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 56.8950, 53.6528, 72.3231 by changing the saturation by 10% instead.

■ 56.8950, 53.6528,
72.3231

■ 56.8950, 53.6528,
72.3231

403.0763,
400.7846, 487.6731

■ 41.1608, 38.3242,
52.9342

■ 99.4442, 95.5643,
124.2278

■ 28.6329, 26.2344,
37.3629

126.9899,
122.9159, 157.5806

■ 18.9462, 16.9991,
25.1906

159.2034,
155.0439, 196.4252

■ 11.7352, 10.2338,
15.9988

196.4501,
192.3328, 241.1801

■ 6.6345, 5.5543,
9.3690

239.0954,
235.1669, 292.2638

■ 3.2789, 2.5760,
4.8825

287.5047,

■ 1.3029, 0.9146,

283.9307, 350.0948

2.1210

342.0432,
339.0085, 415.0918

■ 0.1854, 0.0000,
0.6282

■ 0.0000, 0.0000,
0.0000

■ 56.8950, 53.6528,
72.3231

■ 56.8950, 53.6528,
72.3231

■ 51.9192, 44.8828,
70.8934

■ 62.5744, 63.8075,
73.9846

■ 47.6111, 37.4288,
69.6817

■ 68.9814, 75.3977,
75.8841

■ 43.9392, 31.2266,
68.6781

■ 76.1451, 88.4804,
78.0317

■ 40.8671, 26.2039,
67.8705

■ 78.6326, 92.1898,
78.6166

38.3550, 22.2809,
67.2457

79.4993, 92.6366,
78.6572

36.3579, 19.3681,
66.7887

80.3802, 93.0907,
78.6984

34.8241, 17.3615,
66.4822

81.2753, 93.5522,
78.7403

33.6901, 16.1349,
66.3052

82.1848, 94.0210,
78.7828

33.1657, 15.6657,
66.2423

83.1087, 94.4973,
78.8261

Harmonies

Analogous

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



53.7092, 53.6528, 79.9679



56.8950, 53.6528, 72.3231



58.5186, 53.6528, 61.5260

Triad

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



56.8950, 53.6528, 72.3231



52.0691, 53.6528, 40.1721



44.5370, 53.6528, 66.3947

Complementary

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



56.8950, 53.6528, 72.3231



54.3010, 63.4347, 55.2837

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.



44.1463, 53.6528, 55.4180



56.8950, 53.6528, 72.3231



48.3746, 53.6528, 41.1368

Square

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



56.8950, 53.6528, 72.3231



55.6437, 53.6528, 43.6014



45.5184, 53.6528, 46.4216



46.6134, 53.6528, 76.2620

Rectangle

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



56.8950, 53.6528, 72.3231



58.4437, 53.6528, 54.3526



45.5184, 53.6528, 46.4216



44.2084, 53.6528, 62.6828

Sweetspot

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



56.8966, 53.6551, 72.3243



91.3994, 93.4151, 107.8214



50.6308, 51.7272, 72.2824



19.4204, 19.7378, 23.0362



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.



56.8966, 53.6551, 72.3243



80.7180, 74.3466, 104.7038



56.6447, 53.6892, 64.9050



12.7881, 12.5477, 15.6855



19.6951, 9.3057, 39.2113



1.2329, 0.5844, 2.3671

Inverse Universe

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



54.8550, 52.9733, 55.4803



77.2522, 73.1946, 75.8683



54.5709, 63.4296, 61.8126



12.4878, 12.4466, 13.2432



16.9072, 8.6992, 1.5494



1.0416, 0.5334, 0.2087

Previews

White Background



This preview shows how the XYZ color 56.8950, 53.6528, 72.3231 looks on a white background.

Color Contrast Check

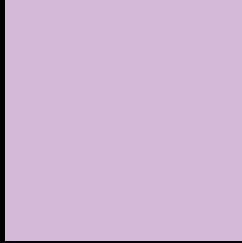
Large Text (above 18pt) WCAG AA × Fail

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 56.8950, 53.6528, 72.3231 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

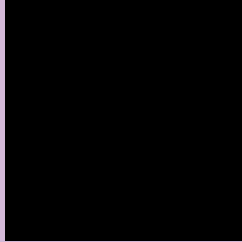
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.8950, 53.6528, 72.3231

Background



This preview shows how black text looks on a background with the XYZ color 56.8950, 53.6528, 72.3231.



This preview shows how white text looks on a background with the XYZ color 56.8950, 53.6528,

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

56.8950, 53.6528, 72.3231

Protanopia

52.8870, 53.7385, 75.9917

Deuteranopia

54.6061, 53.4293, 71.7248



Tritanopia

55.0093, 53.5066, 63.3056

Trichromacy



Original Color

56.8950, 53.6528, 72.3231

Protanomaly

54.0097, 53.3800, 74.4746

Deuteranomaly

55.4897, 53.5688, 71.7052

Tritanomaly

55.6854, 53.4717, 66.4176

Monochromacy



Original Color

56.8950, 53.6528, 72.3231

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

54.3262, 55.0561, 64.8903

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.8950, 53.6528, 72.3231 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(212, 185, 216)` looks like.

```
.text, #text, p{  
    color:rgb(212, 185, 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(212, 185, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 185, 216) }
```

Border

The CSS property to change the border of an element to XYZ 56.8950, 53.6528, 72.3231 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(212, 185, 216) }
```


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

```
.border{ border-color:rgb(212, 185, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 185, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 185, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 185, 216);  
box-shadow:4px 4px 4px 4px rgb(212, 185,  
216) }
```

Background

The CSS property to change the background color of an element to XYZ 56.8950, 53.6528, 72.3231 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 185, 216) }
```

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

```
.background{ background-color: rgb(212,  
185, 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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