

Converting Colors

XYZ(53.6384, 49.9922, 72.3036)

Have a look what the booklet for
XYZ(53.6384, 49.9922, 72.3036)
contains.

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Color

**XYZ(53.8213, 50.2291,
72.5041)**

Conversions

Conversions Part 1

Format	Color
Hex	CDB3D9
RGB	205, 179, 217
RGB Percent	80%, 70%, 85%
CMY	0.1961, 0.2980, 0.1490
CMYK	0.06, 0.18, 0.00, 0.15
HSL	281°, 33%, 78%
HSV	281°, 18%, 85%
XYZ	53.8213, 50.2291, 72.5041
YIQ	191.1060, 3.2980, 17.3300

Conversions

Conversions Part 2

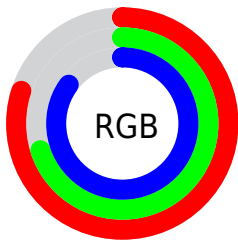
Format	Color
R _Y B	205, 179, 217
Decimal	13480921
CIE Lab	76.21, 16.20, -15.67
CIE LCh	76, 22.538, 315.965
Yxy	50.2291, 0.3048, 0.2845
Android (android.graphics.Color)	4291671001 (0xFFCDB3D9)
YUV	191.1060, 12.7657, 12.1850
Hunter-Lab	70.8725, 11.5279, -11.0442

Details

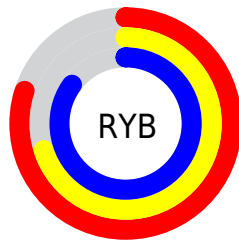
The XYZ color **53.8213, 50.2291, 72.5041** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **54.4372, 63.9580, 52.1263**, and the grayscale version is **49.5110, 52.0894, 56.7254**.

A 20% lighter version of the original color is **88.9983, 87.8967, 106.8828**, and **26.7449, 24.1097, 37.4264** is the 20% darker color. If you saturate the color by 10%, you get **47.9610, 41.2529, 71.0812**, and if you desaturate by 10%, it is **60.4519, 60.6210, 74.1612**.

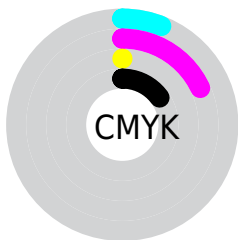
Distribution



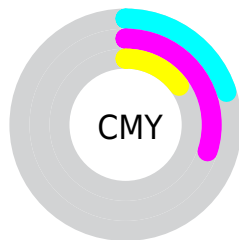
- Red (80%)
- Green (70%)
- Blue (85%)



- Red (80%)
- Yellow (70%)
- Blue (85%)



- Cyan (6%)
- Magenta (18%)
- Yellow (0%)
- Black (15%)



- Cyan (20%)
- Magenta (30%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.8213, 50.2291, 72.5041 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 53.8213, 50.2291, 72.5041 by changing the saturation by 10% instead.

■ 53.8213, 50.2291,
72.5041

■ 53.8213, 50.2291,
72.5041

391.6377,
387.5612, 488.3189

■ 38.6889, 35.5955,
53.0812

■ 94.9702, 90.5142,
124.4873

■ 26.6974, 24.1219,
37.4794

121.7175,
116.9345, 157.8848

■ 17.4815, 15.4241,
25.2802

153.0671,
148.0525, 196.7775

■ 10.6758, 9.1176,
16.0650

189.3844,
184.2525, 241.5840

■ 5.9150, 4.8179,
9.4153

231.0348,
225.9190, 292.7229

■ 2.8336, 2.1408,
4.9126

278.3835,

■ 1.0664, 0.6874,

273.4363, 350.6126

2.1382

331.7961,
327.1889, 415.6718

■ 0.0000, 0.0000,
0.6384

■ 0.0000, 0.0000,
0.0000

■ 53.8213, 50.2291,
72.5041

■ 53.8213, 50.2291,
72.5041

■ 47.9610, 41.2529,
71.0812

■ 60.4519, 60.6210,
74.1612

■ 42.8333, 33.6216,
69.8784

■ 67.8790, 72.4825,
76.0593

■ 38.4044, 27.2679,
68.8855

■ 76.1332, 85.8722,
78.2087

■ 34.6354, 22.1160,
68.0897

■ 81.6977, 93.7549,
79.4370

■ 31.4836, 18.0818,
67.4771

■ 83.9713, 94.9270,
79.5434

■ 28.9004, 15.0702,
67.0320

■ 86.3326, 96.1443,
79.6539

■ 26.8294, 12.9696,
66.7357

■ 88.7827, 97.4074,
79.7685

■ 25.1935, 11.6280,
66.5629

■ 89.5245, 97.7898,
79.8032

■ 24.8226, 11.3497,
66.5288

Harmonies

Analogous

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



50.0102, 50.2291, 80.2399



53.8213, 50.2291, 72.5041



56.0618, 50.2291, 60.5278

Triad

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



53.8213, 50.2291, 72.5041



49.7380, 50.2291, 35.0868



40.3509, 50.2291, 61.3414

Complementary

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



53.8213, 50.2291, 72.5041



54.4372, 63.9580, 52.1263

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.



40.2876, 50.2291, 49.2420



53.8213, 50.2291, 72.5041



45.5420, 50.2291, 35.2379

Square

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



53.8213, 50.2291, 72.5041



53.6120, 50.2291, 39.6155



42.1373, 50.2291, 40.0641



42.3156, 50.2291, 73.1749

Rectangle

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



53.8213, 50.2291, 72.5041



56.2830, 50.2291, 52.3091



42.1373, 50.2291, 40.0641



40.1106, 50.2291, 57.1440

Sweetspot

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



53.8228, 50.2312, 72.5052



89.6507, 91.3775, 107.5203



49.7549, 51.8718, 73.0363



19.0316, 19.3086, 22.9738



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.



53.8228, 50.2312, 72.5052



74.3313, 67.3959, 103.6988



56.3739, 51.6488, 67.9937



13.1936, 13.0579, 16.4772



15.1399, 6.9291, 40.2779



1.0685, 0.4941, 2.6135

Inverse Universe

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



54.1411, 50.7557, 56.2359



74.9340, 68.3243, 75.8164



52.2644, 62.7544, 55.7962



13.2246, 13.1189, 14.4440



18.0060, 9.2035, 4.4119



1.2049, 0.6116, 0.4879

Previews

White Background



This preview shows how the XYZ color 53.8213, 50.2291, 72.5041 looks on a white background.

Color Contrast Check

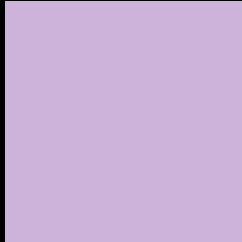
Large Text (above 18pt) WCAG AA × Fail

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 53.8213, 50.2291, 72.5041 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

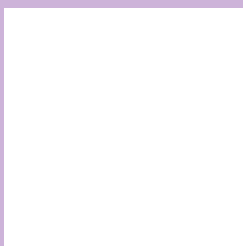
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.8213, 50.2291, 72.5041

Background



This preview shows how black text looks on a background with the XYZ color 53.8213, 50.2291, 72.5041.



This preview shows how white text looks on a background with the XYZ color 53.8213, 50.2291,

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

53.8213, 50.2291, 72.5041

Protanopia

49.7998, 50.2155, 76.1751

Deuteranopia

51.3205, 50.1623, 71.9432



Tritanopia

51.3687, 50.4547, 59.8546

Trichromacy



Original Color

53.8213, 50.2291, 72.5041

Protanomaly

51.0870, 49.9814, 74.6650

Deuteranomaly

52.1486, 50.2841, 71.9230

Tritanomaly

52.2556, 50.5120, 64.1224

Monochromacy



Original Color

53.8213, 50.2291, 72.5041

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

50.9606, 51.4465, 61.8878

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.8213, 50.2291, 72.5041 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(205, 179, 217)` looks like.

```
.text, #text, p{  
    color:rgb(205, 179, 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(205, 179, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 179, 217) }
```

Border

The CSS property to change the border of an element to XYZ 53.8213, 50.2291, 72.5041 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(205, 179, 217) }
```


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

```
.border{ border-color:rgb(205, 179, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 179, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 179, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 179, 217);  
box-shadow:4px 4px 4px 4px rgb(205, 179,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 53.8213, 50.2291, 72.5041 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 179, 217) }
```

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

```
.background{ background-color: rgb(205,  
179, 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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