

Converting Colors

XYZ(53.7150, 48.2408, 80.6091)

Have a look what the booklet for
XYZ(53.7150, 48.2408, 80.6091)
contains.

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Color

**XYZ(53.7150, 48.2408,
80.6091)**

Conversions

Conversions Part 1

Format	Color
Hex	CBADE5
RGB	203, 173, 229
RGB Percent	80%, 68%, 90%
CMY	0.2039, 0.3216, 0.1020
CMYK	0.11, 0.24, 0.00, 0.10
HSL	272°, 52%, 79%
HSV	272°, 24%, 90%
XYZ	53.7150, 48.2408, 80.6091
YIQ	188.3540, -0.0960, 23.7760

Conversions

Conversions Part 2

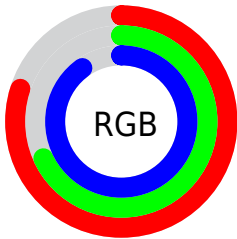
Format	Color
R_{YB}	203, 173, 229
Decimal	13348325
CIE _{Lab}	74.98, 21.25, -24.07
CIE _{LCh}	75, 32.106, 311.432
Yxy	48.2408, 0.2942, 0.2642
Android (android.graphics.Color)	4291538405 (0xFFCBADE5)
YUV	188.3540, 20.0385, 12.8445
Hunter-Lab	69.4556, 16.4996, -20.1921

Details

The XYZ color **53.7150, 48.2408, 80.6091** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **59.1171, 71.1992, 50.1644**, and the grayscale version is **47.8921, 50.3863, 54.8706**.

A 20% lighter version of the original color is **87.3093, 84.5186, 106.3198**, and **26.4720, 22.7460, 42.5303** is the 20% darker color. If you saturate the color by 10%, you get **46.8979, 38.7580, 79.1388**, and if you desaturate by 10%, it is **61.4864, 59.3352, 82.3417**.

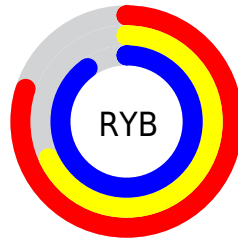
Distribution



Red (80%)

Green (68%)

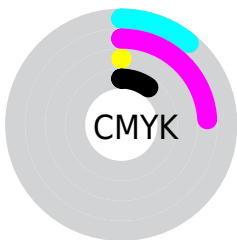
Blue (90%)



Red (80%)

Yellow (68%)

Blue (90%)

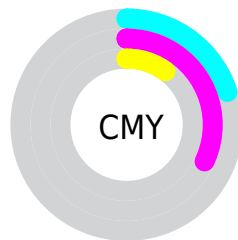


Cyan (11%)

Magenta (24%)

Yellow (0%)

Black (10%)



Cyan (20%)

Magenta (32%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.7150, 48.2408, 80.6091 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 53.7150, 48.2408, 80.6091 by changing the saturation by 10% instead.

■ 53.7150, 48.2408,
80.6091

■ 53.7150, 48.2408,
80.6091

391.2384,
379.7458, 516.7440

■ 38.6036, 34.0176,
59.6906

■ 94.8150, 87.5628,
136.0409

■ 26.6308, 22.9071,
42.7456

121.5343,
113.4305, 171.3912

■ 17.4313, 14.5250,
29.3557

152.8537,
143.9484, 212.3893

■ 10.6397, 8.4867,
19.1021

189.1384,
179.5009, 259.4536

■ 5.8906, 4.4079,
11.5666

230.7539,
220.4726, 313.0027

■ 2.8187, 1.9043,
6.3303

278.0655,

■ 1.0586, 0.5509,

267.2477, 373.4551

2.9749

331.4386,
320.2106, 441.2293

■ 0.0000, 0.0000,
1.0819

■ 0.0000, 0.0000,
0.0000

■ 53.7150, 48.2408,
80.6091

■ 53.7150, 48.2408,
80.6091

■ 46.8979, 38.7580,
79.1388

■ 61.4864, 59.3352,
82.3417

■ 40.9881, 30.8018,
77.9146

■ 70.2469, 72.1084,
84.3454

■ 35.9413, 24.2888,
76.9234

■ 80.0351, 86.6309,
86.6327

■ 31.7072, 19.1246,
76.1498

■ 87.7451, 96.6855,
88.1670

■ 28.2297, 15.2032,
75.5762

■ 91.1430, 98.4372,
88.3261

■ 25.4439, 12.4019,
75.1823

■ 23.2719, 10.5714,
74.9435

■ 22.2651, 9.8443,
74.8562

Harmonies

Analogous

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



48.1201, 48.2408, 90.9069



53.7150, 48.2408, 80.6091



57.3774, 48.2408, 63.4807

Triad

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



53.7150, 48.2408, 80.6091



49.5320, 48.2408, 27.4998



35.6749, 48.2408, 59.1817

Complementary

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



53.7150, 48.2408, 80.6091



59.1171, 71.1992, 50.1644

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.



35.9827, 48.2408, 42.9102



53.7150, 48.2408, 80.6091



43.6553, 48.2408, 26.8303

Square

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



53.7150, 48.2408, 80.6091



54.8241, 48.2408, 33.9430



38.7954, 48.2408, 31.8650



37.9154, 48.2408, 76.8909

Rectangle

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



53.7150, 48.2408, 80.6091



58.0567, 48.2408, 51.7241



38.7954, 48.2408, 31.8650



35.4892, 48.2408, 53.3362

Sweetspot

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



53.7165, 48.2428, 80.6102



86.6340, 87.5971, 106.9496



51.8324, 55.4515, 82.1009



18.3944, 18.5316, 22.8574



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.



53.7165, 48.2428, 80.6102



64.3009, 55.6077, 101.9521



61.1416, 52.1005, 79.6043



14.3165, 14.2654, 18.1433



12.8704, 5.7008, 42.8052



1.0581, 0.4764, 3.1682

Inverse Universe

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



57.5671, 50.6707, 60.7814



70.0893, 59.2542, 72.2928



52.9794, 68.0141, 50.8268



14.6540, 14.4788, 16.3785



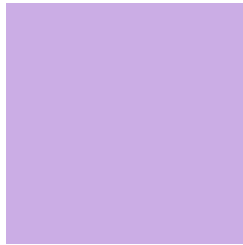
20.0317, 10.1469, 9.0616



1.5268, 0.7684, 0.9146

Previews

White Background



This preview shows how the XYZ color 53.7150, 48.2408, 80.6091 looks on a white background.

Color Contrast Check

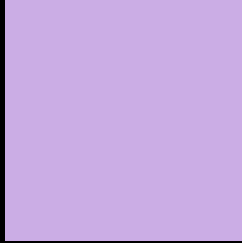
Large Text (above 18pt) WCAG AA × Fail

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 53.7150, 48.2408, 80.6091 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

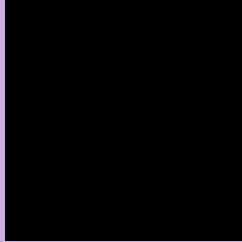
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.7150, 48.2408, 80.6091

Background



This preview shows how black text looks on a background with the XYZ color 53.7150, 48.2408, 80.6091.



This preview shows how white text looks on a background with the XYZ color 53.7150, 48.2408,

80.6091.

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

53.7150, 48.2408, 80.6091

Protanopia

48.8684, 48.5810, 86.1583

Deuteranopia

49.4451, 48.4176, 79.4125



Tritanopia

49.0848, 48.4079, 57.7955

Trichromacy



Original Color

53.7150, 48.2408, 80.6091

Protanomaly

50.3565, 48.1907, 83.7384

Deuteranomaly

50.9103, 48.2610, 80.0308

Tritanomaly

50.5378, 48.0914, 65.6504

Monochromacy



Original Color

53.7150, 48.2408, 80.6091

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

49.7053, 49.5162, 63.4377

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.7150, 48.2408, 80.6091 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(203, 173, 229)` looks like.

```
.text, #text, p{  
    color:rgb(203, 173, 229)  
}
```

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(203, 173, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 173, 229) }
```

Border

The CSS property to change the border of an element to XYZ 53.7150, 48.2408, 80.6091 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(203, 173, 229) }
```


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

```
.border{ border-color:rgb(203, 173, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 173, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 173, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 173, 229);  
box-shadow:4px 4px 4px 4px rgb(203, 173,  
229) }
```

Background

The CSS property to change the background color of an element to XYZ 53.7150, 48.2408, 80.6091 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 173, 229) }
```

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

```
.background{ background-color: rgb(203,  
173, 229) }
```

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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