

Converting Colors

XYZ(53.7463, 49.1202, 73.8773)

Have a look what the booklet for
XYZ(53.7463, 49.1202, 73.8773)
contains.

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Color

**XYZ(53.5698, 48.8962,
73.6323)**

Conversions

Conversions Part 1

Format	Color
Hex	CEAFDB
RGB	206, 175, 219
RGB Percent	81%, 69%, 86%
CMY	0.1921, 0.3137, 0.1412
CMYK	0.06, 0.20, 0.00, 0.14
HSL	282°, 38%, 77%
HSV	282°, 20%, 86%
XYZ	53.5698, 48.8962, 73.6323
YIQ	189.2850, 4.3520, 20.2560

Conversions

Conversions Part 2

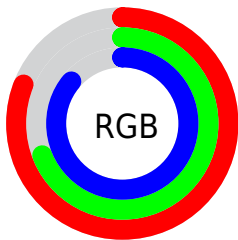
Format	Color
R _Y B	206, 175, 219
Decimal	13545435
CIE Lab	75.39, 19.10, -17.99
CIE LCh	75, 26.239, 316.728
Yxy	48.8962, 0.3042, 0.2777
Android (android.graphics.Color)	4291735515 (0xFFCEAFDB)
YUV	189.2850, 14.6495, 14.6591
Hunter-Lab	69.9258, 14.3777, -13.4846

Details

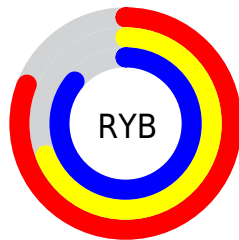
The XYZ color **53.5698, 48.8962, 73.6323** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **53.8100, 64.4507, 50.1639**, and the grayscale version is **48.4512, 50.9744, 55.5111**.

A 20% lighter version of the original color is **87.8659, 85.6318, 106.5053**, and **26.4229, 23.1787, 38.2033** is the 20% darker color. If you saturate the color by 10%, you get **47.8891, 40.1461, 72.2435**, and if you desaturate by 10%, it is **60.0187, 59.0711, 75.2571**.

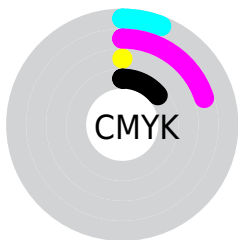
Distribution



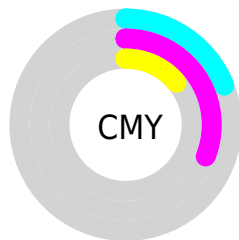
- Red (81%)
- Green (69%)
- Blue (86%)



- Red (81%)
- Yellow (69%)
- Blue (86%)



- Cyan (6%)
- Magenta (20%)
- Yellow (0%)
- Black (14%)





- Cyan (19%)
- Magenta (31%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.5698, 48.8962, 73.6323 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 53.5698, 48.8962, 73.6323 by changing the saturation by 10% instead.

 53.5698, 48.8962,
73.6323

 53.5698, 48.8962,
73.6323


390.6926,
382.3335, 492.3328

 38.4871, 34.5371,
53.9982

 94.6029, 88.5373,
126.1037

 26.5399, 23.3066,
38.2070


121.2840,
114.5881, 159.7780

 17.3628, 14.8200,
25.8403


152.5620,
145.3049, 198.9694

 10.5904, 8.6932,
16.4795


188.8023,
181.0722, 244.0966

 5.8574, 4.5416,
9.7061

230.3701,
222.2743, 295.5779

 2.7984, 1.9809,
5.1015

277.6308,

 1.0481, 0.5963,

269.2956, 353.8320

2.2472

330.9499,
322.5206, 419.2775

■ 0.0000, 0.0000,
0.7014

■ 0.0000, 0.0000,
0.0000

■ 53.5698, 48.8962,
73.6323

■ 53.5698, 48.8962,
73.6323

■ 47.8891, 40.1461,
72.2435

■ 60.0187, 59.0711,
75.2571

■ 42.9379, 32.7475,
71.0764

■ 67.2632, 70.7269,
77.1251

■ 38.6809, 26.6300,
70.1200

■ 75.3347, 83.9246,
79.2471

■ 35.0776, 21.7142,
69.3610

■ 81.7874, 93.7709,
80.8075

■ 32.0832, 17.9117,
68.7849

■ 83.9254, 94.8731,
80.9076

■ 29.6465, 15.1215,
68.3748

■ 86.1415, 96.0156,
81.0113

■ 27.7068, 13.2239,
68.1107

■ 88.4366, 97.1987,
81.1187

■ 26.1691, 12.0136,
67.9582

■ 89.7863, 97.8945,
81.1819

Harmonies

Analogous

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



49.1991, 48.8962, 82.9908



53.5698, 48.8962, 73.6323



56.1124, 48.8962, 59.5825

Triad

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



53.5698, 48.8962, 73.6323



48.6393, 48.8962, 31.3211



38.1354, 48.8962, 61.2681

Complementary

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



53.5698, 48.8962, 73.6323



53.8100, 64.4507, 50.1639

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.



38.0085, 48.8962, 47.3637



53.5698, 48.8962, 73.6323



43.8522, 48.8962, 31.6135

Square

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



53.5698, 48.8962, 73.6323



53.1356, 48.8962, 36.1266



40.0349, 48.8962, 37.0095



40.3945, 48.8962, 75.0491

Rectangle

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



53.5698, 48.8962, 73.6323



56.3214, 48.8962, 50.1840



40.0349, 48.8962, 37.0095



37.8477, 48.8962, 56.4168

Sweetspot

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



53.5713, 48.8983, 73.6334



88.7182, 89.7764, 107.2604



48.4932, 50.2824, 74.1682



18.8473, 18.9878, 22.9216



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.



53.5713, 48.8983, 73.6334



72.1950, 63.7050, 103.0990



56.2026, 50.3851, 67.8677



13.2202, 13.0717, 16.4784



15.6314, 7.1825, 40.3009



1.0974, 0.5090, 2.6149

Inverse Universe

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



53.6220, 49.3529, 54.2788



72.3561, 64.5021, 70.8459



51.6431, 63.2305, 54.7224



13.2135, 13.1145, 14.3857



17.9248, 9.1710, 3.9843



1.1985, 0.6091, 0.4544

Previews

White Background



This preview shows how the XYZ color 53.5698, 48.8962, 73.6323 looks on a white background.

Color Contrast Check

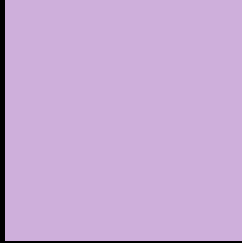
Large Text (above 18pt) WCAG AA × Fail

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 53.5698, 48.8962, 73.6323 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

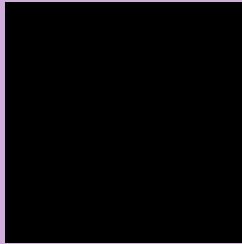
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.5698, 48.8962, 73.6323

Background



This preview shows how black text looks on a background with the XYZ color 53.5698, 48.8962, 73.6323.



This preview shows how white text looks on a background with the XYZ color 53.5698, 48.8962,

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

53.5698, 48.8962, 73.6323

Protanopia

48.8626, 49.0643, 78.1292

Deuteranopia

49.9178, 48.8011, 73.1183



Tritanopia

50.4160, 49.0941, 57.8578

Trichromacy



Original Color

53.5698, 48.8962, 73.6323

Protanomaly

50.5822, 49.0668, 76.6169

Deuteranomaly

51.2807, 48.9043, 73.0663

Tritanomaly

51.3285, 48.8491, 63.2234

Monochromacy



Original Color

53.5698, 48.8962, 73.6323

Achromatopsia

48.3692, 50.8881, 55.4172

Achromatomaly

50.0715, 50.0532, 61.6658

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.5698, 48.8962, 73.6323 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(206, 175, 219)` looks like.

```
.text, #text, p{  
    color:rgb(206, 175, 219)  
}
```

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(206, 175, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 175, 219) }
```

Border

The CSS property to change the border of an element to XYZ 53.5698, 48.8962, 73.6323 is called "border". The border property can be set on classes, ids or directly on the HTML element.

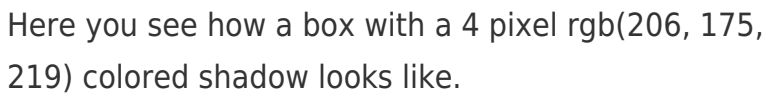
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(206, 175, 219) }
```


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

```
.border{ border-color:rgb(206, 175, 219) }
```

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



Here you see how a box with a 4 pixel `rgb(206, 175, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 175, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 175, 219);  
box-shadow:4px 4px 4px 4px rgb(206, 175,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 53.5698, 48.8962, 73.6323 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 175, 219) }
```

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

```
.background{ background-color: rgb(206,  
175, 219) }
```

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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