

Converting Colors

XYZ(53.5856, 49.7290, 57.7428)

Have a look what the booklet for
XYZ(53.5856, 49.7290, 57.7428)
contains.

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Color

**XYZ(53.7786, 49.9383,
57.8435)**

Conversions

Conversions Part 1

Format	Color
Hex	D8B1C2
RGB	216, 177, 194
RGB Percent	85%, 69%, 76%
CMY	0.1529, 0.3059, 0.2392
CMYK	0.00, 0.18, 0.10, 0.15
HSL	334°, 33%, 77%
HSV	334°, 18%, 85%
XYZ	53.7786, 49.9383, 57.8435
YIQ	190.5990, 17.7870, 13.5550

Conversions

Conversions Part 2

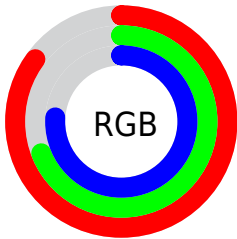
Format	Color
R _Y B	216, 177, 194
Decimal	14201282
CIE Lab	76.03, 16.86, -3.31
CIE LCh	76, 17.183, 348.910
Yxy	49.9383, 0.3329, 0.3091
Android (android.graphics.Color)	4292391362 (0xFFD8B1C2)
YUV	190.5990, 1.6767, 22.2767
Hunter-Lab	70.6670, 12.1737, 0.9359

Details

The XYZ color **53.7786, 49.9383, 57.8435** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **52.9981, 62.5836, 63.3224**, and the grayscale version is **49.2737, 51.8398, 56.4536**.

A 20% lighter version of the original color is **87.6342, 86.4400, 102.5082**, and **26.6392, 23.8858, 28.0173** is the 20% darker color. If you saturate the color by 10%, you get **48.5324, 41.5466, 49.6173**, and if you desaturate by 10%, it is **59.8152, 59.7299, 66.8881**.

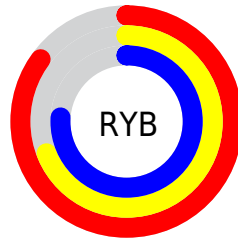
Distribution



Red (85%)

Green (69%)

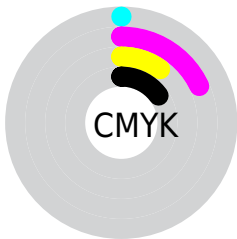
Blue (76%)



Red (85%)

Yellow (69%)

Blue (76%)

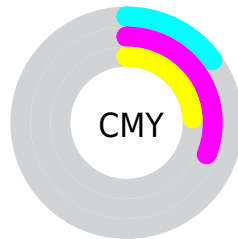


Cyan (0%)

Magenta (18%)

Yellow (10%)

Black (15%)



Cyan (15%)


Magenta (31%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.7786, 49.9383, 57.8435 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 53.7786, 49.9383, 57.8435 by changing the saturation by 10% instead.


 53.7786, 49.9383,
57.8435

 53.7786, 49.9383,
57.8435


391.4773,
386.4246, 434.1845

 38.6546, 35.3644,
41.2690

 94.9079, 90.0835,
103.2074

 26.6707, 23.9437,
28.2080


121.6439,
116.4235, 132.8340

 17.4614, 15.2919,
18.2421


152.9814,
147.4543, 167.6482

 10.6613, 9.0245,
10.9527

189.2856,
183.5604, 208.0687

 5.9052, 4.7571,
5.9213

230.9220,
225.1260, 254.5141

 2.8276, 2.1055,
2.7293

278.2558,

 1.0633, 0.6677,

272.5357, 307.4028

0.9581

331.6525,
326.1738, 367.1534

■ 0.0000, 0.0000,
0.0000

■ 53.7786, 49.9383,
57.8435

■ 53.7786, 49.9383,
57.8435

■ 48.5324, 41.5466,
49.6173

■ 59.8152, 59.7299,
66.8881

■ 44.0380, 34.4837,
42.1816

■ 66.6700, 70.9749,
76.7714

■ 40.2597, 28.6822,
35.5115

■ 74.3749, 83.7322,
87.5169

■ 37.1572, 24.0661,
29.5791

■ 80.2182, 92.5747,
98.2327

■ 34.6861, 20.5513,
24.3549

■ 82.1179, 93.3346,
108.2364

■ 32.7961, 18.0423,
19.8064

■ 82.1291, 93.3390,
108.2953

■ 31.4284, 16.4269,
15.8977

■ 30.4998, 15.5443,
12.5837

■ 30.3459, 15.4097,
11.9981

Harmonies

Analogous

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



52.2669, 49.9383, 66.8303



53.7786, 49.9383, 57.8435



53.5423, 49.9383, 48.8482

Triad

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



53.7786, 49.9383, 57.8435



45.4939, 49.9383, 39.3165



43.5253, 49.9383, 68.8039

Complementary

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



53.7786, 49.9383, 57.8435



52.9981, 62.5836, 63.3224

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.



41.8656, 49.9383, 60.3023



53.7786, 49.9383, 57.8435



42.9663, 49.9383, 43.5710

Square

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



53.7786, 49.9383, 57.8435



48.6612, 49.9383, 38.8164



41.6657, 49.9383, 51.0467



46.2883, 49.9383, 73.6165

Rectangle

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



53.7786, 49.9383, 57.8435



52.4280, 49.9383, 44.0168



41.6657, 49.9383, 51.0467



42.8253, 49.9383, 66.2412

Sweetspot

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



53.7800, 49.9405, 57.8446



89.9799, 91.6785, 101.6033



51.5262, 48.4717, 71.6064



19.1122, 19.3821, 21.5332



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.



53.7800, 49.9405, 57.8446



75.0070, 67.4075, 79.1178



52.3666, 49.9958, 48.4879



12.6458, 12.5098, 14.0749



18.0136, 9.1418, 7.3758



1.1276, 0.5678, 0.6615

Inverse Universe

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



53.7800, 49.9405, 57.8446



75.0070, 67.4075, 79.1178



54.5869, 62.4245, 74.1383



12.6458, 12.5098, 14.0749



18.0136, 9.1418, 7.3758



1.1276, 0.5678, 0.6615

Previews

White Background



This preview shows how the XYZ color 53.7786, 49.9383, 57.8435 looks on a white background.

Color Contrast Check

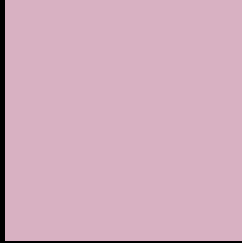
Large Text (above 18pt) WCAG AA × Fail

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 53.7786, 49.9383, 57.8435 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 53.7786, 49.9383, 57.8435

Background



This preview shows how black text looks on a background with the XYZ color 53.7786, 49.9383, 57.8435.



This preview shows how white text looks on a background with the XYZ color 53.7786, 49.9383,

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

53.7786, 49.9383, 57.8435

Protanopia

48.9347, 50.4021, 61.7930

Deuteranopia

50.9822, 50.0027, 57.4165



Tritanopia

53.4450, 49.8048, 56.0866

Trichromacy



Original Color

53.7786, 49.9383, 57.8435

Protanomaly

50.4152, 49.9500, 60.4102

Deuteranomaly

51.9593, 49.9027, 57.3457

Tritanomaly

53.5555, 49.8490, 56.6683

Monochromacy



Original Color

53.7786, 49.9383, 57.8435

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

50.8928, 51.2029, 57.0700

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.7786, 49.9383, 57.8435 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(216, 177, 194)` looks like.

```
.text, #text, p{  
    color:rgb(216, 177, 194)  
}
```

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(216, 177, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 177, 194) }
```

Border

The CSS property to change the border of an element to XYZ 53.7786, 49.9383, 57.8435 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(216, 177, 194) }
```


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

```
.border{ border-color:rgb(216, 177, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 177, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 177, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 177, 194);  
box-shadow:4px 4px 4px 4px rgb(216, 177,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 53.7786, 49.9383, 57.8435 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 177, 194) }
```

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

```
.background{ background-color: rgb(216,  
177, 194) }
```

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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