

Converting Colors

XYZ(53.9631, 50.0463, 57.2678)

Have a look what the booklet for
XYZ(53.9631, 50.0463, 57.2678)
contains.

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Color

**XYZ(53.9631, 50.0463,
57.2678)**

Conversions

Conversions Part 1

Format	Color
Hex	D9B1C1
RGB	217, 177, 193
RGB Percent	85%, 69%, 76%
CMY	0.1490, 0.3059, 0.2431
CMYK	0.00, 0.18, 0.11, 0.15
HSL	336°, 34%, 77%
HSV	336°, 18%, 85%
XYZ	53.9631, 50.0463, 57.2678
YIQ	190.7840, 18.7040, 13.4560

Conversions

Conversions Part 2

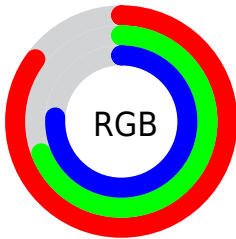
Format	Color
R_{YB}	217, 177, 193
Decimal	14266817
CIE Lab	76.10, 17.05, -2.65
CIE LCh	76, 17.254, 351.159
Yxy	50.0463, 0.3346, 0.3103
Android (android.graphics.Color)	4292456897 (0xFFD9B1C1)
YUV	190.7840, 1.0925, 22.9914
Hunter-Lab	70.7434, 12.3589, 1.5243

Details

The XYZ color **53.9631, 50.0463, 57.2678** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **53.4890, 63.1913, 64.6395**, and the grayscale version is **49.3837, 51.9555, 56.5795**.

A 20% lighter version of the original color is **87.4778, 86.3774, 101.6845**, and **26.8416, 23.9901, 28.0268** is the 20% darker color. If you saturate the color by 10%, you get **48.6239, 41.5907, 48.6343**, and if you desaturate by 10%, it is **60.1146, 59.9206, 66.8043**.

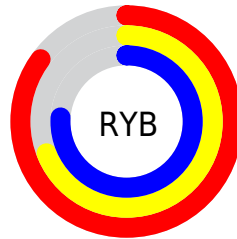
Distribution



Red (85%)

Green (69%)

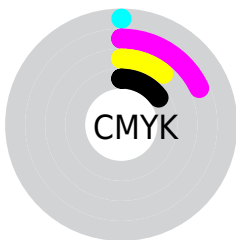
Blue (76%)



Red (85%)

Yellow (69%)

Blue (76%)

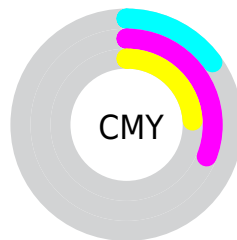


Cyan (0%)

Magenta (18%)

Yellow (11%)

Black (15%)



Cyan (15%)


Magenta (31%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.9631, 50.0463, 57.2678 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 53.9631, 50.0463, 57.2678 by changing the saturation by 10% instead.

 53.9631, 50.0463,
57.2678

 53.9631, 50.0463,
57.2678


392.1699,
386.8470, 431.9739

 38.8027, 35.4502,
40.8095

 95.1773, 90.2435,
102.3600

 26.7863, 24.0099,
27.8517

121.9618,
116.6133, 131.8311

 17.5486, 15.3409,
17.9758

153.3517,
147.6765, 166.4768

 10.7241, 9.0590,
10.7634

189.7124,
183.8175, 206.7156

 5.9475, 4.7797,
5.7958

231.4092,
225.4207, 252.9662

 2.8536, 2.1186,
2.6545

278.8075,

 1.0768, 0.6750,

272.8704, 305.6471

0.9204

332.2726,
326.5510, 365.1768

■ 0.0056, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 53.9631, 50.0463,
57.2678

■ 53.9631, 50.0463,
57.2678

■ 48.6239, 41.5907,
48.6343

■ 60.1146, 59.9206,
66.8043

■ 44.0574, 34.4816,
40.8726

■ 67.1073, 71.2682,
77.2673

■ 40.2268, 28.6502,
33.9543

■ 74.9739, 84.1489,
88.6834

■ 37.0905, 24.0194,
27.8478

■ 80.8702, 92.8697,
100.1189

■ 34.6027, 20.5032,
22.5194

■ 82.4256, 93.4919,
108.3092

■ 32.7115, 18.0042,
17.9324

■ 31.3564, 16.4080,
14.0462

■ 30.4486, 15.5442,
10.8094

■ 30.3272, 15.4365,
10.3525

Harmonies

Analogous

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



52.5638, 50.0463, 66.4086



53.9631, 50.0463, 57.2678



53.5893, 50.0463, 48.3284

Triad

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



53.9631, 50.0463, 57.2678



45.3637, 50.0463, 39.5484



43.7827, 50.0463, 69.5312

Complementary

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



53.9631, 50.0463, 57.2678



53.4890, 63.1913, 64.6395

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.



42.0146, 50.0463, 61.1583



53.9631, 50.0463, 57.2678



42.8983, 50.0463, 44.0936

Square

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



53.9631, 50.0463, 57.2678



48.5271, 50.0463, 38.7571



41.6983, 50.0463, 51.8072



46.6206, 50.0463, 73.9958

Rectangle

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



53.9631, 50.0463, 57.2678



52.3916, 50.0463, 43.6173



41.6983, 50.0463, 51.8072



43.0490, 50.0463, 67.0386

Sweetspot

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



53.9645, 50.0485, 57.2689



88.9186, 90.0464, 99.7374



52.3358, 48.8740, 72.3216



18.8952, 19.0520, 21.1408



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.



53.9645, 50.0485, 57.2689



74.7365, 67.2993, 77.6930



53.0768, 50.9761, 48.6396



13.2707, 13.1374, 14.6868



18.4072, 9.3639, 6.5245



1.2343, 0.6234, 0.6430

Inverse Universe

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



53.9645, 50.0485, 57.2689



74.7365, 67.2993, 77.6930



54.4518, 61.9468, 74.7334



13.2707, 13.1374, 14.6868



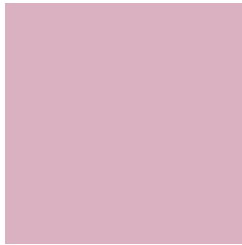
18.4072, 9.3639, 6.5245



1.2343, 0.6234, 0.6430

Previews

White Background



This preview shows how the XYZ color 53.9631, 50.0463, 57.2678 looks on a white background.

Color Contrast Check

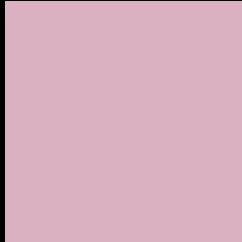
Large Text (above 18pt) WCAG AA × Fail

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 53.9631, 50.0463, 57.2678 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 53.9631, 50.0463, 57.2678

Background



This preview shows how black text looks on a background with the XYZ color 53.9631, 50.0463, 57.2678.



This preview shows how white text looks on a background with the XYZ color 53.9631, 50.0463,

57.2678.

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

53.9631, 50.0463, 57.2678

Protanopia

48.8182, 50.3555, 61.1794

Deuteranopia

51.1442, 50.0990, 56.8437



Tritanopia

53.7414, 49.9576, 56.1005

Trichromacy



Original Color

53.9631, 50.0463, 57.2678

Protanomaly

50.5647, 50.0403, 59.8170

Deuteranomaly

52.1302, 50.0036, 56.7733

Tritanomaly

53.8518, 50.0018, 56.6822

Monochromacy



Original Color

53.9631, 50.0463, 57.2678

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 53.9631, 50.0463, 57.2678 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(217, 177, 193)` looks like.

```
.text, #text, p{  
    color:rgb(217, 177, 193)  
}
```

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(217, 177, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 177, 193) }
```

Border

The CSS property to change the border of an element to XYZ 53.9631, 50.0463, 57.2678 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(217, 177, 193) }
```


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

```
.border{ border-color:rgb(217, 177, 193) }
```

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

Here you see how a box with a 4 pixel rgb(217, 177, 193) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 177, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 177, 193);  
box-shadow:4px 4px 4px 4px rgb(217, 177,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 53.9631, 50.0463, 57.2678 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 177, 193) }
```

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

```
.background{ background-color: rgb(217,  
177, 193) }
```

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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