

Converting Colors

XYZ(54.8137, 50.7075, 53.6433)

Have a look what the booklet for
XYZ(54.8137, 50.7075, 53.6433)
contains.

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Color

**XYZ(54.8160, 50.5617,
53.8840)**

Conversions

Conversions Part 1

Format	Color
Hex	DEB1BB
RGB	222, 177, 187
RGB Percent	87%, 69%, 73%
CMY	0.1294, 0.3059, 0.2667
CMYK	0.00, 0.20, 0.16, 0.13
HSL	347°, 41%, 78%
HSV	347°, 20%, 87%
XYZ	54.8160, 50.5617, 53.8840
YIQ	191.5950, 23.6100, 12.6500

Conversions

Conversions Part 2

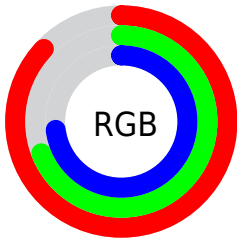
Format	Color
R _Y B	222, 177, 187
Decimal	14594491
CIE Lab	76.41, 17.86, 1.14
CIE LCh	76, 17.897, 3.639
Yxy	50.5617, 0.3442, 0.3175
Android (android.graphics.Color)	4292784571 (0xFFDEB1BB)
YUV	191.5950, -2.2653, 26.6652
Hunter-Lab	71.1068, 13.1683, 4.8453

Details

The XYZ color **54.8160, 50.5617, 53.8840** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **56.1384, 66.3444, 72.1375**, and the grayscale version is **49.8712, 52.4684, 57.1380**.

A 20% lighter version of the original color is **86.5566, 86.0089, 96.8334**, and **27.2366, 24.2435, 25.7982** is the 20% darker color. If you saturate the color by 10%, you get **49.0439, 41.7998, 43.3812**, and if you desaturate by 10%, it is **61.5266, 60.8437, 65.7976**.

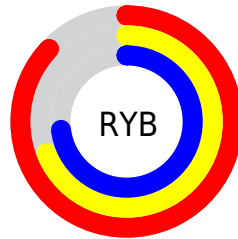
Distribution



Red (87%)

Green (69%)

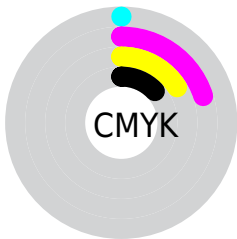
Blue (73%)



Red (87%)

Yellow (69%)

Blue (73%)

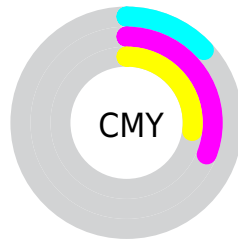


Cyan (0%)

Magenta (20%)

Yellow (16%)

Black (13%)



Cyan (13%)


Magenta (31%)


Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.8160, 50.5617, 53.8840 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 54.8160, 50.5617, 53.8840 by changing the saturation by 10% instead.


 54.8160, 50.5617,
53.8840

 54.8160, 50.5617,
53.8840


395.3618,
388.8585, 418.8296

 39.4877, 35.8599,
38.1164


 96.4212, 91.0066,
97.3586

 27.3218, 24.3260,
25.7705

123.4288,
117.5184, 125.9026

 17.9529, 15.5756,
16.4278


155.0602,
148.7358, 159.5426

 11.0156, 9.2244,
9.6698

191.6808,
185.0430, 198.6970

 6.1447, 4.8878,
5.0778

233.6559,
226.8245, 243.7843

 2.9748, 2.1816,
2.2335

281.3509,

 1.1404, 0.7099,

274.4646, 295.2232

0.6936

335.1311,
328.3478, 353.4321

■ 0.0585, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.8160, 50.5617,
53.8840

■ 54.8160, 50.5617,
53.8840

■ 49.0439, 41.7998,
43.3812

■ 61.5266, 60.8437,
65.7976

■ 44.1637, 34.4791,
34.2332

■ 69.2110, 72.7061,
79.1687

■ 40.1312, 28.5240,
26.3849

■ 77.9079, 86.2145,
94.0460

■ 36.8968, 23.8492,
19.7759

■ 83.9345, 94.2697,
108.3798

■ 34.4053, 20.3597,
14.3413

■ 32.5944, 17.9472,
10.0094

■ 31.3909, 16.4834,
6.7005

■ 30.6856, 15.7542,
4.3647

Harmonies

Analogous

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



54.0981, 50.5617, 63.7078



54.8160, 50.5617, 53.8840



53.6544, 50.5617, 45.4027

Triad

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



54.8160, 50.5617, 53.8840



44.5577, 50.5617, 41.0078



45.2382, 50.5617, 73.4041

Complementary

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



54.8160, 50.5617, 53.8840



56.1384, 66.3444, 72.1375

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.



42.8638, 50.5617, 65.9823



54.8160, 50.5617, 53.8840



42.4840, 50.5617, 47.2200

Square

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



54.8160, 50.5617, 53.8840



47.6474, 50.5617, 38.5372



41.8785, 50.5617, 56.2390



48.4697, 50.5617, 75.7196

Rectangle

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



54.8160, 50.5617, 53.8840



52.0009, 50.5617, 41.4245



41.8785, 50.5617, 56.2390



44.3185, 50.5617, 71.3843

Sweetspot

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



54.8174, 50.5640, 53.8851



88.5045, 89.8807, 97.5564



55.9161, 50.6434, 75.9359



18.7975, 19.0129, 20.6264



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.



54.8174, 50.5640, 53.8851



71.7983, 64.2790, 67.9085



56.2593, 55.1012, 49.2681



13.8313, 13.7501, 14.8817



18.2609, 9.3713, 2.7735



1.2993, 0.6630, 0.3690

Inverse Universe

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



54.8174, 50.5640, 53.8851



71.7983, 64.2790, 67.9085



54.3647, 60.7159, 77.9619



13.8313, 13.7501, 14.8817



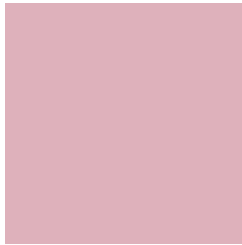
18.2609, 9.3713, 2.7735



1.2993, 0.6630, 0.3690

Previews

White Background



This preview shows how the XYZ color 54.8160, 50.5617, 53.8840 looks on a white background.

Color Contrast Check

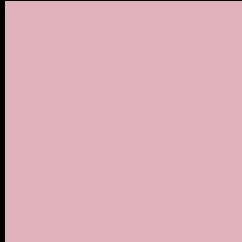
Large Text (above 18pt) WCAG AA × Fail

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 54.8160, 50.5617, 53.8840 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

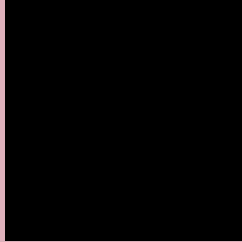
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.8160, 50.5617, 53.8840

Background



This preview shows how black text looks on a background with the XYZ color 54.8160, 50.5617, 53.8840.



This preview shows how white text looks on a background with the XYZ color 54.8160, 50.5617,

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

54.8160, 50.5617, 53.8840

Protanopia

49.0947, 50.8931, 57.6879

Deuteranopia

51.8088, 50.8220, 53.5334



Tritanopia

54.9438, 50.2980, 55.5278

Trichromacy



Original Color

54.8160, 50.5617, 53.8840

Protanomaly

50.9016, 50.5991, 56.3740

Deuteranomaly

52.8274, 50.7391, 53.4637

Tritanomaly

54.8348, 50.2544, 54.9541

Monochromacy



Original Color

54.8160, 50.5617, 53.8840

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

51.6932, 51.9549, 56.0190

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.8160, 50.5617, 53.8840 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(222, 177, 187)` looks like.

```
.text, #text, p{  
    color:rgb(222, 177, 187)  
}
```

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(222, 177, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 177, 187) }
```

Border

The CSS property to change the border of an element to XYZ 54.8160, 50.5617, 53.8840 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(222, 177, 187) }
```


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

```
.border{ border-color:rgb(222, 177, 187) }
```

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

Here you see how a box with a 4 pixel rgb(222, 177, 187) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 177, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 177, 187);  
box-shadow:4px 4px 4px 4px rgb(222, 177,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 54.8160, 50.5617, 53.8840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 177, 187) }
```

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

```
.background{ background-color: rgb(222,  
177, 187) }
```

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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