

Converting Colors

XYZ(53.8917, 60.2981, 49.7390)

Have a look what the booklet for
XYZ(53.8917, 60.2981, 49.7390)
contains.

XYZ(53.9455, 60.3885, 49.8872)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(53.9455, 60.3885,
49.8872)**

Conversions

Conversions Part 1

Format	Color
Hex	C7D0B0
RGB	199, 208, 176
RGB Percent	78%, 82%, 69%
CMY	0.2196, 0.1843, 0.3098
CMYK	0.04, 0.00, 0.15, 0.18
HSL	77°, 25%, 75%
HSV	77°, 15%, 82%
XYZ	53.9455, 60.3885, 49.8872
YIQ	201.6610, 4.9080, -11.8600

Conversions

Conversions Part 2

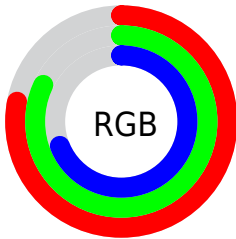
Format	Color
R _{YB}	176, 208, 185
Decimal	13095088
CIE Lab	82.05, -8.65, 14.87
CIE LCh	82, 17.198, 120.189
Yxy	60.3885, 0.3285, 0.3677
Android (android.graphics.Color)	4291285168 (0xFFC7D0B0)
YUV	201.6610, -12.6509, -2.3337
Hunter-Lab	77.7100, -12.0797, 16.3349

Details

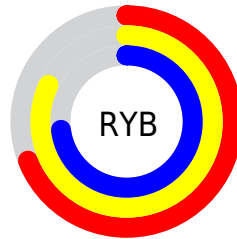
The XYZ color **53.9455, 60.3885, 49.8872** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **46.9206, 45.9207, 66.0685**, and the grayscale version is **56.0033, 58.9199, 64.1637**.

A 20% lighter version of the original color is **91.5655, 98.6062, 90.5508**, and **26.8078, 30.5610, 23.2248** is the 20% darker color. If you saturate the color by 10%, you get **50.5205, 58.8445, 39.7944**, and if you desaturate by 10%, it is **57.7489, 62.0947, 61.6464**.

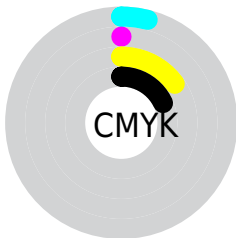
Distribution



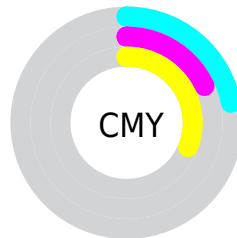
- Red (78%)
- Green (82%)
- Blue (69%)



- Red (69%)
- Yellow (82%)
- Blue (73%)



- Cyan (4%)
- Magenta (0%)
- Yellow (15%)
- Black (18%)



- Cyan (22%)
- Magenta (18%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.9455, 60.3885, 49.8872 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 53.9455, 60.3885, 49.8872 by changing the saturation by 10% instead.

■ 53.9455, 60.3885,
49.8872

■ 53.9455, 60.3885,
49.8872

392.1039,
426.0283, 402.9471

■ 38.7886, 43.7319,
34.9532

■ 95.1516, 105.3930,
91.4023

■ 26.7753, 30.4598,
23.3436

121.9315,
134.5097, 118.8205

■ 17.5402, 20.1878,
14.6397

153.3164,
168.5485, 151.2372

■ 10.7181, 12.5316,
8.4231

189.6717,
207.8938, 189.0710

■ 5.9435, 7.1068,
4.2752

231.3627,
252.9301, 232.7403

■ 2.8511, 3.5290,
1.7775

278.7549,

■ 1.0755, 1.4138,

304.0416, 282.6637

0.4131

332.2135,
361.6129, 339.2598

■ 0.0045, 0.2268,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 53.9455, 60.3885,
49.8872

■ 53.9455, 60.3885,
49.8872

■ 50.5205, 58.8445,
39.7944

■ 57.7489, 62.0947,
61.6464

■ 47.4541, 57.4488,
31.2887

■ 61.9398, 63.9609,
75.1385

■ 44.7318, 56.1975,
24.2901

■ 66.5332, 65.9952,
90.4315

■ 42.3361, 55.0835,
18.7103

■ 70.8573, 67.9288,
103.9847

40.2478, 54.0990,
14.4516

72.6856, 68.8714,
104.0703

38.4453, 53.2354,
11.4041

74.5769, 69.8463,
104.1588

36.9036, 52.4825,
9.4402

76.5316, 70.8540,
104.2503

35.5924, 51.8281,
8.4035

78.5504, 71.8947,
104.3448

35.0393, 51.5491,
8.1032

80.6339, 72.9688,
104.4423

Harmonies

Analogous

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



57.3744, 60.3885, 47.6572



53.9455, 60.3885, 49.8872



51.5297, 60.3885, 56.2722

Triad

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



53.9455, 60.3885, 49.8872



53.9839, 60.3885, 84.7475



64.6936, 60.3885, 65.6867

Complementary

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



53.9455, 60.3885, 49.8872



46.9206, 45.9207, 66.0685

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.



63.6946, 60.3885, 76.2426



53.9455, 60.3885, 49.8872



57.4206, 60.3885, 87.9316

Square

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



53.9455, 60.3885, 49.8872



51.5512, 60.3885, 76.3691



60.9936, 60.3885, 84.6692



63.6698, 60.3885, 56.1690

Rectangle

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



53.9455, 60.3885, 49.8872



50.7659, 60.3885, 62.3921



60.9936, 60.3885, 84.6692



64.5827, 60.3885, 69.2321

Sweetspot

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



53.9471, 60.3911, 49.8885



91.7571, 98.5318, 98.3838



51.1026, 51.0494, 48.2353



19.5435, 21.0468, 20.7540



0.0000, 0.0000, 0.0000



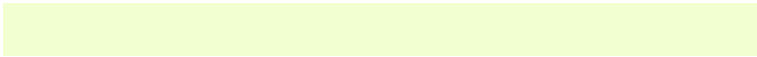
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



53.9471, 60.3911, 49.8885



83.9283, 95.0208, 74.3039



50.0340, 58.3739, 49.7054



12.4657, 13.6235, 12.5846



21.9357, 32.1772, 5.0547



1.3018, 1.8380, 0.2862

Inverse Universe

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



46.9206, 45.9207, 66.0685



71.0037, 68.4019, 104.0683



50.8748, 47.9592, 66.2535



11.4716, 11.5764, 14.8735



8.2845, 3.4511, 37.4220



0.5412, 0.2332, 2.0960

Previews

White Background



This preview shows how the XYZ color 53.9455, 60.3885, 49.8872 looks on a white background.

Color Contrast Check

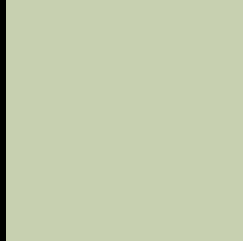
Large Text (above 18pt) WCAG AA × Fail

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 53.9455, 60.3885, 49.8872 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

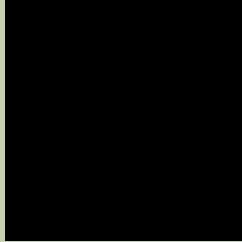
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

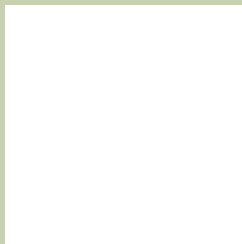
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.9455, 60.3885, 49.8872

Background



This preview shows how black text looks on a background with the XYZ color 53.9455, 60.3885, 49.8872.



This preview shows how white text looks on a background with the XYZ color 53.9455, 60.3885,

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

53.9455, 60.3885, 49.8872

Protanopia

56.7275, 60.0640, 48.6481

Deuteranopia

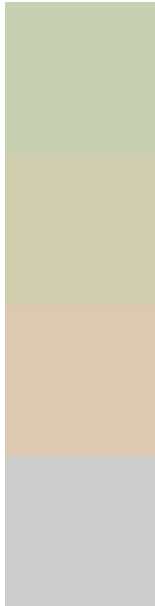
61.3801, 60.0178, 50.4690



Tritanopia

58.9523, 60.2822, 74.8582

Trichromacy



Original Color

53.9455, 60.3885, 49.8872

Protanomaly

55.8637, 60.3131, 49.2547

Deuteranomaly

58.4089, 59.8550, 50.0697

Tritanomaly

57.0010, 60.1940, 65.1143

Monochromacy



Original Color

53.9455, 60.3885, 49.8872

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

55.3059, 59.4535, 59.0128

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.9455, 60.3885, 49.8872 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(199, 208, 176)` looks like.

```
.text, #text, p{  
    color:rgb(199, 208, 176)  
}
```

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(199, 208, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 208, 176) }
```

Border

The CSS property to change the border of an element to XYZ 53.9455, 60.3885, 49.8872 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(199, 208, 176) }
```


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

```
.border{ border-color:rgb(199, 208, 176) }
```

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

Here you see how a box with a 4 pixel rgb(199, 208, 176) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 208, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 208, 176);  
box-shadow:4px 4px 4px 4px rgb(199, 208,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 53.9455, 60.3885, 49.8872 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 208, 176) }
```

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

```
.background{ background-color: rgb(199,  
208, 176) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor