

Converting Colors

XYZ(53.2492, 54.4778, 49.4674)

Have a look what the booklet for
XYZ(53.2492, 54.4778, 49.4674)
contains.

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Color

**XYZ(53.3638, 54.5752,
49.3165)**

Conversions

Conversions Part 1

Format	Color
Hex	D2C0B1
RGB	210, 192, 177
RGB Percent	82%, 75%, 69%
CMY	0.1765, 0.2470, 0.3059
CMYK	0.00, 0.09, 0.16, 0.18
HSL	27°, 27%, 76%
HSV	27°, 16%, 82%
XYZ	53.3638, 54.5752, 49.3165
YIQ	195.6720, 15.5430, -0.8490

Conversions

Conversions Part 2

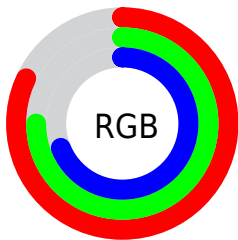
Format	Color
R _Y B	210, 205, 177
Decimal	13811889
CIE Lab	78.80, 3.88, 9.85
CIE LCh	79, 10.584, 68.496
Yxy	54.5752, 0.3393, 0.3470
Android (android.graphics.Color)	4292001969 (0xFFD2C0B1)
YUV	195.6720, -9.2053, 12.5657
Hunter-Lab	73.8750, -0.3414, 12.1325

Details

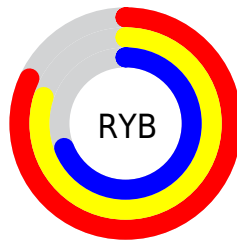
The XYZ color **53.3638, 54.5752, 49.3165** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **49.2793, 53.0295, 68.6117**, and the grayscale version is **52.3209, 55.0457, 59.9448**.

A 20% lighter version of the original color is **89.5154, 94.2780, 90.5703**, and **26.3883, 26.8890, 22.8681** is the 20% darker color. If you saturate the color by 10%, you get **49.0125, 48.9683, 38.3217**, and if you desaturate by 10%, it is **58.2359, 60.7072, 62.0754**.

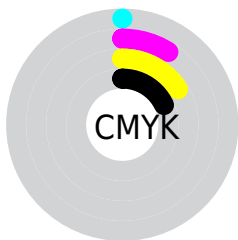
Distribution



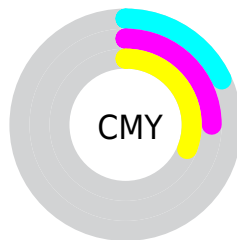
- Red (82%)
- Green (75%)
- Blue (69%)



- Red (82%)
- Yellow (80%)
- Blue (69%)



- Cyan (0%)
- Magenta (9%)
- Yellow (16%)
- Black (18%)



- Cyan (18%)
- Magenta (25%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.3638, 54.5752, 49.3165 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 53.3638, 54.5752, 49.3165 by changing the saturation by 10% instead.

■ 53.3638, 54.5752,
49.3165

■ 53.3638, 54.5752,
49.3165

389.9174,
404.2996, 400.6452

■ 38.3219, 39.0617,
34.5032

■ 94.3019, 96.9183,
90.5472

■ 26.4110, 26.8077,
23.0000

120.9287,
124.5167, 117.8017

■ 17.2656, 17.4289,
14.3882

152.1480,
156.9121, 150.0404

■ 10.5205, 10.5407,
8.2493

188.3250,
194.4891, 187.6818

■ 5.8103, 5.7589,
4.1648

229.8251,
237.6319, 231.1444

■ 2.7697, 2.6991,
1.7162

277.0136,

■ 1.0332, 0.9767,

286.7250, 280.8468

0.3718

330.2559,
342.1528, 337.2076

■ 0.0000, 0.0000,
0.0000

■ 53.3638, 54.5752,
49.3165

■ 53.3638, 54.5752,
49.3165

■ 49.0125, 48.9683,
38.3217

■ 58.2359, 60.7072,
62.0754

■ 45.1586, 43.8645,
29.0088

■ 63.6423, 67.3710,
76.6686

■ 41.7829, 39.2507,
21.2939

■ 69.6018, 74.5827,
93.1669

■ 38.8636, 35.1105,
15.0849

■ 75.1489, 81.9624,
106.4673

■ 36.3766, 31.4263,
10.2797

■ 78.5865, 88.8375,
107.6132

■ 34.2954, 28.1793,
6.7637

■ 80.3886, 92.4418,
108.2139

■ 32.5895, 25.3486,
4.4035

■ 31.2223, 22.9104,
3.0350

■ 30.7141, 21.9728,
2.6224

Harmonies

Analogous

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



55.0913, 54.5752, 52.5230



53.3638, 54.5752, 49.3165



51.2789, 54.5752, 48.7211

Triad

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



53.3638, 54.5752, 49.3165



47.9866, 54.5752, 61.1450



54.4219, 54.5752, 68.9240

Complementary

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



53.3638, 54.5752, 49.3165



49.2793, 53.0295, 68.6117

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.



52.4699, 54.5752, 71.5877



53.3638, 54.5752, 49.3165



48.7808, 54.5752, 66.9025

Square

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



53.3638, 54.5752, 49.3165



48.2114, 54.5752, 55.2909



50.4084, 54.5752, 70.8240



55.7136, 54.5752, 63.7562

Rectangle

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



53.3638, 54.5752, 49.3165



49.9726, 54.5752, 49.8438



50.4084, 54.5752, 70.8240



53.8191, 54.5752, 70.1573

Sweetspot

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



53.3653, 54.5776, 49.3177



90.8864, 94.8495, 97.7190



52.1684, 49.0936, 58.4458



19.3319, 20.1504, 20.5921



0.0000, 0.0000, 0.0000



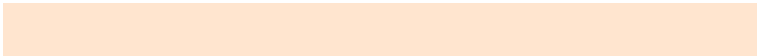
20.3446, 21.4041, 23.3091

Same Dimension

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



53.3653, 54.5776, 49.3177



80.3503, 81.5486, 70.2490



57.1560, 62.1592, 50.5812



12.2451, 12.6809, 12.4143



18.8328, 13.5986, 1.6322



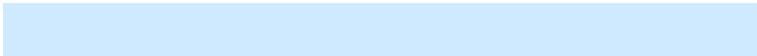
1.1318, 0.9180, 0.1175

Inverse Universe

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



49.2793, 53.0295, 68.6117



72.7875, 78.6824, 105.9587



45.8151, 46.1011, 67.4570



11.6902, 12.4708, 15.0346



10.9040, 10.4547, 38.6357



0.6885, 0.7421, 2.1865

Previews

White Background



This preview shows how the XYZ color 53.3638, 54.5752, 49.3165 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 53.3638, 54.5752, 49.3165 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

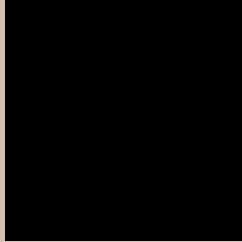
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.3638, 54.5752, 49.3165

Background



This preview shows how black text looks on a background with the XYZ color 53.3638, 54.5752, 49.3165.



This preview shows how white text looks on a background with the XYZ color 53.3638, 54.5752,

49.3165.

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

53.3638, 54.5752, 49.3165

Protanopia

51.9563, 54.4944, 49.8996

Deuteranopia

55.5343, 54.3964, 49.6921



Tritanopia

56.2033, 54.4244, 64.0426

Trichromacy



Original Color

53.3638, 54.5752, 49.3165

Protanomaly

52.5594, 54.4761, 49.8642

Deuteranomaly

54.5524, 54.2085, 49.7075

Tritanomaly

55.0866, 54.2873, 58.6141

Monochromacy



Original Color

53.3638, 54.5752, 49.3165

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

52.7878, 55.1218, 56.0015

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.3638, 54.5752, 49.3165 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(210, 192, 177)` looks like.

```
.text, #text, p{  
    color:rgb(210, 192, 177)  
}
```

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(210, 192, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 192, 177) }
```

Border

The CSS property to change the border of an element to XYZ 53.3638, 54.5752, 49.3165 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(210, 192, 177) }
```


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

```
.border{ border-color:rgb(210, 192, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 192, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(210, 192, 177); -webkit-box-shadow:4px 4px 4px 4px rgb(210, 192, 177); box-shadow:4px 4px 4px 4px rgb(210, 192, 177) }
```

Background

The CSS property to change the background color of an element to XYZ 53.3638, 54.5752, 49.3165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 192, 177) }
```

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

```
.background{ background-color: rgb(210,  
192, 177) }
```

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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