

Converting Colors

XYZ(54.8327, 55.4612, 46.0726)

Have a look what the booklet for
XYZ(54.8327, 55.4612, 46.0726)
contains.

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Color

**XYZ(54.7206, 55.3533,
45.8304)**

Conversions

Conversions Part 1

Format	Color
Hex	D9C0AA
RGB	217, 192, 170
RGB Percent	85%, 75%, 67%
CMY	0.1490, 0.2470, 0.3333
CMYK	0.00, 0.12, 0.22, 0.15
HSL	28°, 38%, 76%
HSV	28°, 22%, 85%
XYZ	54.7206, 55.3533, 45.8304
YIQ	196.9670, 21.9620, -1.5420

Conversions

Conversions Part 2

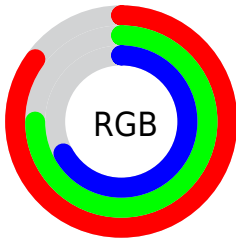
Format	Color
R_{YB}	217, 211, 170
Decimal	14270634
CIE Lab	79.24, 5.41, 14.33
CIE LCh	79, 15.317, 69.302
Yxy	55.3533, 0.3510, 0.3550
Android (android.graphics.Color)	4292460714 (0xFFD9C0AA)
YUV	196.9670, -13.2947, 17.5689
Hunter-Lab	74.3998, 1.0860, 15.5571

Details

The XYZ color **54.7206, 55.3533, 45.8304** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **48.6166, 52.5846, 73.2334**, and the grayscale version is **53.1207, 55.8871, 60.8610**.

A 20% lighter version of the original color is **88.3980, 93.8310, 84.6863**, and **27.4029, 27.4546, 20.9945** is the 20% darker color. If you saturate the color by 10%, you get **50.3999, 49.7300, 35.0848**, and if you desaturate by 10%, it is **59.5819, 61.5145, 58.4292**.

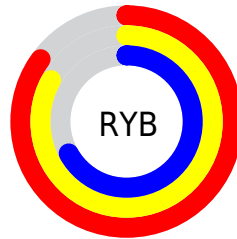
Distribution



Red (85%)

Green (75%)

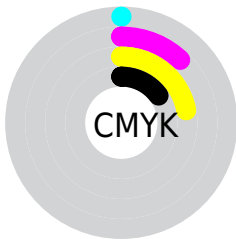
Blue (67%)



Red (85%)

Yellow (83%)

Blue (67%)

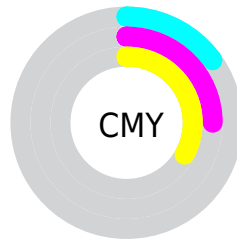


Cyan (0%)

Magenta (12%)

Yellow (22%)

Black (15%)



Cyan (15%)

Magenta (25%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.7206, 55.3533, 45.8304 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 54.7206, 55.3533, 45.8304 by changing the saturation by 10% instead.

■ 54.7206, 55.3533,
45.8304

■ 54.7206, 55.3533,
45.8304

395.0056,
407.2498, 386.3841

■ 39.4110, 39.6847,
31.7643

■ 96.2822, 98.0584,
85.2967

■ 27.2618, 27.2928,
20.9182

123.2649,
125.8637, 111.5340

■ 17.9075, 17.7932,
12.8736

154.8694,
158.4832, 142.6655

■ 10.9829, 10.8016,
7.2118

191.4610,
196.3015, 179.1097

■ 6.1226, 5.9336,
3.5145

233.4050,
239.7029, 221.2851

■ 2.9611, 2.8047,
1.3630

281.0669,

■ 1.1332, 1.0307,

289.0718, 269.6103

0.1126

334.8120,
344.7927, 324.5038

■ 0.0526, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.7206, 55.3533,
45.8304

■ 54.7206, 55.3533,
45.8304

■ 50.3999, 49.7300,
35.0848

■ 59.5819, 61.5145,
58.4292

■ 46.5941, 44.6216,
26.0998

■ 64.9992, 68.2212,
72.9606

■ 43.2822, 40.0138,
18.7803

■ 70.9926, 75.4901,
89.5036

■ 40.4393, 35.8890,
13.0203

■ 77.2887, 83.2184,
106.5970

■ 38.0383, 32.2282,
8.7018

■ 80.7603, 90.1616,
107.7542

■ 36.0485, 29.0107,
5.6895

■ 82.4254, 93.4918,
108.3092

■ 34.4341, 26.2132,
3.8214

■ 33.3271, 24.1752,
2.9097

Harmonies

Analogous

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



57.3013, 55.3533, 50.2067



54.7206, 55.3533, 45.8304



51.6656, 55.3533, 45.1120

Triad

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



54.7206, 55.3533, 45.8304



47.0116, 55.3533, 63.0376



56.4305, 55.3533, 74.2855

Complementary

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



54.7206, 55.3533, 45.8304



48.6166, 52.5846, 73.2334

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.



53.5692, 55.3533, 78.4926



54.7206, 55.3533, 45.8304



48.1851, 55.3533, 71.5962

Square

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



54.7206, 55.3533, 45.8304



47.2930, 55.3533, 54.5038



50.5576, 55.3533, 77.4634



58.3148, 55.3533, 66.4299

Rectangle

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



54.7206, 55.3533, 45.8304



49.7819, 55.3533, 46.7270



50.5576, 55.3533, 77.4634



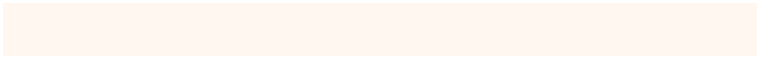
55.5466, 55.3533, 76.2063

Sweetspot

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



54.7221, 55.3558, 45.8316



90.1426, 93.9713, 95.5919



52.8484, 47.4450, 58.0422



19.1838, 19.9771, 20.1641



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.



54.7221, 55.3558, 45.8316



75.9179, 75.9713, 58.6362



60.2823, 66.4762, 47.6850



13.5561, 14.0516, 13.7233



20.2782, 14.8419, 1.7960



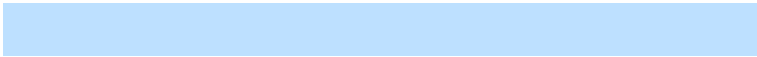
1.3995, 1.1330, 0.1449

Inverse Universe

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



48.6166, 52.5846, 73.2334



65.6067, 71.2901, 104.9103



43.7728, 42.8969, 71.6188



12.9091, 13.7580, 16.6273



11.4276, 10.7247, 41.2062



0.8263, 0.8668, 2.6982

Previews

White Background



This preview shows how the XYZ color 54.7206, 55.3533, 45.8304 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 54.7206, 55.3533, 45.8304 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

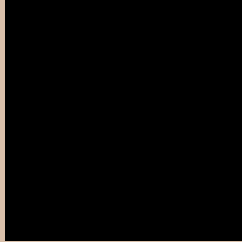
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.7206, 55.3533, 45.8304

Background



This preview shows how black text looks on a background with the XYZ color 54.7206, 55.3533, 45.8304.



This preview shows how white text looks on a background with the XYZ color 54.7206, 55.3533,

45.8304.

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

54.7206, 55.3533, 45.8304

Protanopia

52.6399, 55.5802, 46.9834

Deuteranopia

56.5996, 55.3430, 46.2272



Tritanopia

58.2498, 55.1771, 63.4573

Trichromacy



Original Color

54.7206, 55.3533, 45.8304

Protanomaly

53.4441, 55.6721, 46.4571

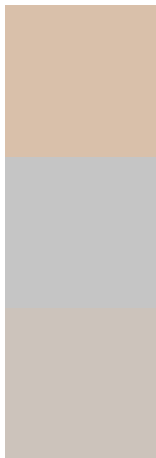
Deuteranomaly

55.8883, 55.2968, 46.2558

Tritanomaly

57.0071, 55.3285, 56.3901

Monochromacy



Original Color

54.7206, 55.3533, 45.8304

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

53.3866, 55.4554, 54.9039

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.7206, 55.3533, 45.8304 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, 192, 170)` looks like.

```
.text, #text, p{  
    color:rgb(217, 192, 170)  
}
```

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, 192, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 192, 170) }
```

Border

The CSS property to change the border of an element to XYZ 54.7206, 55.3533, 45.8304 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, 192, 170) }
```


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

```
.border{ border-color:rgb(217, 192, 170) }
```

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

Here you see how a box with a 4 pixel rgb(217, 192, 170) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 192, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 192, 170);  
box-shadow:4px 4px 4px 4px rgb(217, 192,  
170) }
```

Background

The CSS property to change the background color of an element to XYZ 54.7206, 55.3533, 45.8304 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 192, 170) }
```

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

```
.background{ background-color: rgb(217,  
192, 170) }
```

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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