

Converting Colors

XYZ(54.8251, 54.7406, 45.0602)

Have a look what the booklet for
XYZ(54.8251, 54.7406, 45.0602)
contains.

XYZ(54.7883, 54.7516, 45.2166)	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(54.7883, 54.7516,
45.2166)**

Conversions

Conversions Part 1

Format	Color
Hex	DBBEA9
RGB	219, 190, 169
RGB Percent	86%, 75%, 66%
CMY	0.1412, 0.2549, 0.3372
CMYK	0.00, 0.13, 0.23, 0.14
HSL	25°, 41%, 76%
HSV	25°, 23%, 86%
XYZ	54.7883, 54.7516, 45.2166
YIQ	196.2770, 24.0250, -0.3830

Conversions

Conversions Part 2

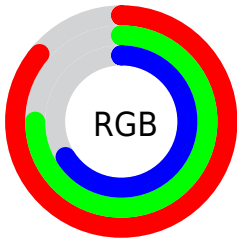
Format	Color
RYB	219, 205, 169
Decimal	14401193
CIELab	78.90, 7.08, 14.40
CIELCh	79, 16.049, 63.829
Yxy	54.7516, 0.3540, 0.3538
Android (android.graphics.Color)	4292591273 (0xFFDBBEA9)
YUV	196.2770, -13.4476, 19.9281
Hunter-Lab	73.9943, 2.6783, 15.5650

Details

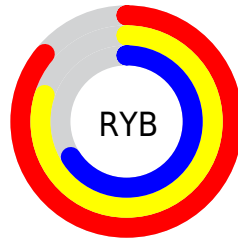
The XYZ color **54.7883, 54.7516, 45.2166** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **49.3420, 53.9361, 74.8282**, and the grayscale version is **52.7050, 55.4497, 60.3848**.

A 20% lighter version of the original color is **87.6503, 92.5534, 83.7659**, and **27.2608, 26.9622, 20.5970** is the 20% darker color. If you saturate the color by 10%, you get **50.2705, 48.7350, 34.4028**, and if you desaturate by 10%, it is **59.8931, 61.3903, 57.9263**.

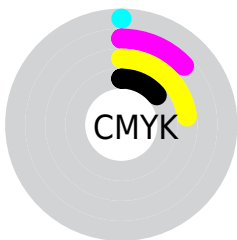
Distribution



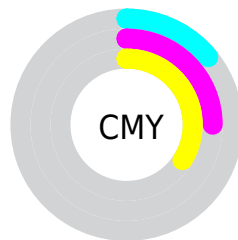
- Red (86%)
- Green (75%)
- Blue (66%)



- Red (86%)
- Yellow (80%)
- Blue (66%)



- Cyan (0%)
- Magenta (13%)
- Yellow (23%)
- Black (14%)





- Cyan (14%)
- Magenta (25%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.7883, 54.7516, 45.2166 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 54.7883, 54.7516, 45.2166 by changing the saturation by 10% instead.


 54.7883, 54.7516,
45.2166

 54.7883, 54.7516,
45.2166

395.2584,
404.9696, 383.8358

 39.4654, 39.2029,
31.2839


 96.3808, 97.1769,
84.3672

 27.3043, 26.9176,
20.5548


123.3812,
124.8223, 110.4222

 17.9397, 17.5113,
12.6109


155.0048,
157.2687, 141.3551

 11.0061, 10.5997,
7.0336

191.6170,
194.9005, 177.5843

 6.1383, 5.7984,
3.4044

233.5831,
238.1021, 219.5284

 2.9708, 2.7229,
1.3046

281.2684,

 1.1383, 0.9888,

287.2579, 267.6060

0.0656

335.0384,
342.7523, 322.2356

■ 0.0568, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.7883, 54.7516,
45.2166

■ 54.7883, 54.7516,
45.2166

■ 50.2705, 48.7350,
34.4028

■ 59.8931, 61.3903,
57.9263

■ 46.3122, 43.3141,
25.3891

■ 65.6024, 68.6619,
72.6143

■ 42.8898, 38.4713,
18.0766

■ 71.9383, 76.5860,
89.3625

■ 39.9762, 34.1851,
12.3551

■ 78.6613, 85.0757,
106.8831

■ 37.5417, 30.4324,
8.1016

■ 82.5487, 92.8504,
108.1789

■ 35.5524, 27.1883,
5.1742

■ 83.0235, 93.8001,
108.3372

■ 33.9687, 24.4245,
3.4026

■ 33.0407, 22.7144,
2.6429

Harmonies

Analogous

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



57.2956, 54.7516, 50.3727



54.7883, 54.7516, 45.2166



51.6318, 54.7516, 43.7692

Triad

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



54.7883, 54.7516, 45.2166



46.1643, 54.7516, 60.7944



55.5248, 54.7516, 75.4071

Complementary

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



54.7883, 54.7516, 45.2166



49.3420, 53.9361, 74.8282

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.



52.4499, 54.7516, 78.8871



54.7883, 54.7516, 45.2166



47.1155, 54.7516, 69.9243

Square

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



54.7883, 54.7516, 45.2166



46.7338, 54.7516, 52.2081



49.3847, 54.7516, 76.7856



57.7329, 54.7516, 67.6917

Rectangle

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



54.7883, 54.7516, 45.2166



49.6041, 54.7516, 44.9651



49.3847, 54.7516, 76.7856



54.5539, 54.7516, 77.1449

Sweetspot

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



54.7898, 54.7541, 45.2177



89.0942, 92.4756, 93.3895



53.6141, 47.5216, 59.8742



18.9643, 19.6593, 19.7173



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.



54.7898, 54.7541, 45.2177



74.4380, 73.4498, 56.7919



60.6332, 66.4410, 47.1656



13.5033, 13.9460, 13.7057



19.6945, 13.6745, 1.6014



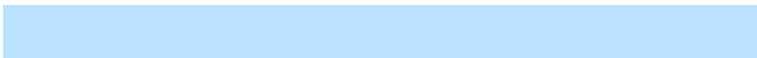
1.3599, 1.0539, 0.1317

Inverse Universe

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



49.3420, 53.9361, 74.8282



65.5534, 72.1123, 105.0718



44.1246, 43.5013, 73.0890



12.9627, 13.8652, 16.6452



12.1923, 12.2540, 41.4611



0.8744, 0.9629, 2.7142

Previews

White Background



This preview shows how the XYZ color 54.7883, 54.7516, 45.2166 looks on a white background.

Color Contrast Check

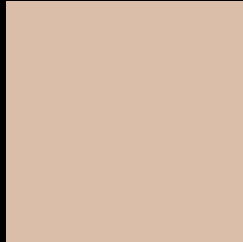
Large Text (above 18pt) WCAG AA × Fail

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 54.7883, 54.7516, 45.2166 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

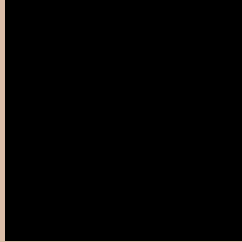
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.7883, 54.7516, 45.2166

Background



This preview shows how black text looks on a background with the XYZ color 54.7883, 54.7516, 45.2166.



This preview shows how white text looks on a background with the XYZ color 54.7883, 54.7516,

45.2166.

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

54.7883, 54.7516, 45.2166

Protanopia

52.0426, 54.9496, 46.3915

Deuteranopia

55.8851, 54.6783, 45.1446



Tritanopia

58.4157, 54.9759, 62.1762

Trichromacy



Original Color

54.7883, 54.7516, 45.2166

Protanomaly

52.9040, 54.7438, 45.8085

Deuteranomaly

55.4832, 54.7894, 45.1872

Tritanomaly

57.0798, 54.7444, 55.7024

Monochromacy



Original Color

54.7883, 54.7516, 45.2166

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

53.0566, 54.9661, 54.2675

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.7883, 54.7516, 45.2166 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(219, 190, 169)` looks like.

```
.text, #text, p{  
    color:rgb(219, 190, 169)  
}
```

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(219, 190, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 190, 169) }
```

Border

The CSS property to change the border of an element to XYZ 54.7883, 54.7516, 45.2166 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(219, 190, 169) }
```


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

```
.border{ border-color:rgb(219, 190, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 190, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(219, 190, 169); -webkit-box-shadow:4px 4px 4px 4px rgb(219, 190, 169); box-shadow:4px 4px 4px 4px rgb(219, 190, 169) }
```

Background

The CSS property to change the background color of an element to XYZ 54.7883, 54.7516, 45.2166 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 190, 169) }
```

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

```
.background{ background-color: rgb(219,  
190, 169) }
```

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