

# Converting Colors

XYZ(54.7635, 54.2533, 45.1248)

Have a look what the booklet for  
XYZ(54.7635, 54.2533, 45.1248)  
contains.

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# Color

**XYZ(54.6599, 54.0467,  
45.0873)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DCBCA9
RGB	220, 188, 169
RGB Percent	86%, 74%, 66%
CMY	0.1373, 0.2627, 0.3372
CMYK	0.00, 0.15, 0.23, 0.14
HSL	22°, 42%, 76%
HSV	22°, 23%, 86%
XYZ	54.6599, 54.0467, 45.0873
YIQ	195.4020, 25.1710, 0.8750

# Conversions

## Conversions Part 2

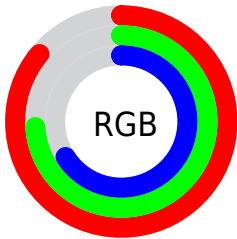
Format	Color
R <sub>Y</sub> B	220, 199, 169
Decimal	14466217
CIE Lab	78.49, 8.52, 13.84
CIE LCh	78, 16.250, 58.397
Yxy	54.0467, 0.3554, 0.3514
Android (android.graphics.Color)	4292656297 (0xFFDCBCA9)
YUV	195.4020, -13.0162, 21.5724
Hunter-Lab	73.5165, 4.0619, 15.0992

# Details

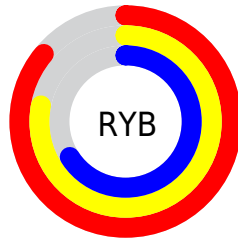
The XYZ color **54.6599, 54.0467, 45.0873** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **50.1667, 55.3742, 75.7548**, and the grayscale version is **52.1775, 54.8948, 59.7805**.

A 20% lighter version of the original color is **87.0452, 91.3432, 83.5642**, and **27.1847, 26.5048, 20.5128** is the 20% darker color. If you saturate the color by 10%, you get **49.9573, 47.6731, 34.1732**, and if you desaturate by 10%, it is **59.9949, 61.1282, 57.9280**.

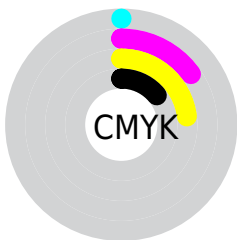
# Distribution



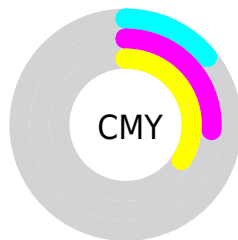
- Red (86%)
- Green (74%)
- Blue (66%)



- Red (86%)
- Yellow (78%)
- Blue (66%)



- Cyan (0%)
- Magenta (15%)
- Yellow (23%)
- Black (14%)




- Cyan (14%)
- Magenta (26%)
- Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 54.6599, 54.0467, 45.0873 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 54.6599, 54.0467, 45.0873 by changing the saturation by 10% instead.





 54.6599, 54.0467,  
45.0873

 54.6599, 54.0467,  
45.0873


394.7789,  
402.2881, 383.2974

 39.3623, 38.6390,  
31.1827


 96.1937, 96.1428,  
84.1712

 27.2236, 26.4790,  
20.4784


123.1606,  
123.6000, 110.1877

 17.8787, 17.1823,  
12.5558


154.7479,  
155.8425, 141.0785

 10.9621, 10.3646,  
6.9963

191.3211,  
193.2547, 177.2623

 6.1085, 5.6413,  
3.3813

233.2454,  
236.2209, 219.1576

 2.9524, 2.6282,  
1.2925

280.8862,

 1.1287, 0.9409,

285.1256, 267.1828

0.0556

334.6089,  
340.3532, 321.7566

■ 0.0489, 0.0000,  
0.0000

■ 0.0000, 0.0000,  
0.0000

■ 54.6599, 54.0467,  
45.0873

■ 54.6599, 54.0467,  
45.0873

■ 49.9573, 47.6731,  
34.1732

■ 59.9949, 61.1282,  
57.9280

■ 45.8576, 41.9774,  
25.0880

■ 65.9818, 68.9319,  
72.7794

■ 42.3351, 36.9381,  
17.7308

■ 72.6444, 77.4807,  
89.7250

■ 39.3604, 32.5294,  
11.9891

■ 79.6800, 86.6650,  
107.1362

■ 36.9011, 28.7240,  
7.7372

■ 83.3254, 93.9557,  
108.3513

■ 34.9206, 25.4918,  
4.8303

■ 33.3762, 22.7994,  
3.0936

■ 32.5311, 21.2473,  
2.3866

# Harmonies

## Analogous

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



56.9709, 54.0467, 50.8638



54.6599, 54.0467, 45.0873



51.5420, 54.0467, 42.9413

# Triad

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



54.6599, 54.0467, 45.0873



45.4651, 54.0467, 58.3563



54.3499, 54.0467, 75.7380

# Complementary

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



54.6599, 54.0467, 45.0873



50.1667, 55.3742, 75.7548

# 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.



51.1979, 54.0467, 78.2645



54.6599, 54.0467, 45.0873



46.1483, 54.0467, 67.6261

# Square

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



54.6599, 54.0467, 45.0873



46.3087, 54.0467, 50.0933



48.2144, 54.0467, 75.1565



56.7868, 54.0467, 68.5669



# Rectangle

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



54.6599, 54.0467, 45.0873



49.4535, 54.0467, 43.6692



48.2144, 54.0467, 75.1565



53.3349, 54.0467, 77.1894

# Sweetspot

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



54.6613, 54.0492, 45.0884



88.8390, 91.9652, 93.3045



54.2817, 47.8234, 61.8140



18.9053, 19.5412, 19.6977



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.



54.6613, 54.0492, 45.0884



72.9474, 70.8990, 54.9680



60.5217, 65.7699, 47.0419



13.4515, 13.8424, 13.6885



19.1904, 12.6664, 1.4334



1.3243, 0.9827, 0.1199



# Inverse Universe

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



50.1667, 55.3742, 75.7548



65.5734, 73.0648, 105.2546



44.7673, 44.5754, 73.9549



13.0159, 13.9716, 16.6629



13.0273, 13.9241, 41.7394



0.9256, 1.0652, 2.7313



# Previews

## White Background



This preview shows how the XYZ color 54.6599, 54.0467, 45.0873 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

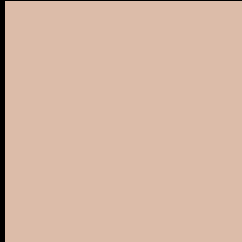
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 54.6599, 54.0467, 45.0873 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

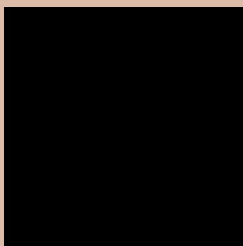
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**XYZ 54.6599, 54.0467, 45.0873**

## **Background**



This preview shows how black text looks on a background with the XYZ color 54.6599, 54.0467, 45.0873.



This preview shows how white text looks on a background with the XYZ color 54.6599, 54.0467,

45.0873.

# 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

54.6599, 54.0467, 45.0873

### Protanopia

51.3668, 54.2586, 46.7954

### Deuteranopia

55.0560, 53.9348, 45.0448



## Tritanopia

57.7650, 54.0462, 60.8135

# Trichromacy



## Original Color

54.6599, 54.0467, 45.0873

## Protanomaly

52.4948, 54.1949, 46.2220

## Deuteranomaly

54.7505, 53.7774, 45.0305

## Tritanomaly

56.4428, 53.8154, 54.4263

# Monochromacy



## Original Color

54.6599, 54.0467, 45.0873

## Achromatopsia

51.8711, 54.5724, 59.4294

## Achromatomaly

52.6144, 54.0818, 54.1201

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 54.6599, 54.0467, 45.0873 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(220, 188, 169)` looks like.

```
.text, #text, p{  
    color:rgb(220, 188, 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(220, 188, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 188, 169) }
```

## Border

The CSS property to change the border of an element to XYZ 54.6599, 54.0467, 45.0873 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(220, 188, 169) }
```



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

```
.border{ border-color:rgb(220, 188, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 188, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(220, 188, 169); -webkit-box-shadow:4px 4px 4px 4px rgb(220, 188, 169); box-shadow:4px 4px 4px 4px rgb(220, 188, 169) }
```

# Background

The CSS property to change the background color of an element to XYZ 54.6599, 54.0467, 45.0873 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 188, 169) }
```

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

```
.background{ background-color: rgb(220,  
188, 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](#).

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