

Converting Colors

XYZ(54.6646, 54.2450, 45.5358)

Have a look what the booklet for
XYZ(54.6646, 54.2450, 45.5358)
contains.

XYZ(54.6667, 54.3575, 45.6410)	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(54.6667, 54.3575,
45.6410)**

Conversions

Conversions Part 1

Format	Color
Hex	DBBDAA
RGB	219, 189, 170
RGB Percent	86%, 74%, 67%
CMY	0.1412, 0.2588, 0.3333
CMYK	0.00, 0.14, 0.22, 0.14
HSL	23°, 40%, 76%
HSV	23°, 22%, 86%
XYZ	54.6667, 54.3575, 45.6410
YIQ	195.8040, 23.9790, 0.4510

Conversions

Conversions Part 2

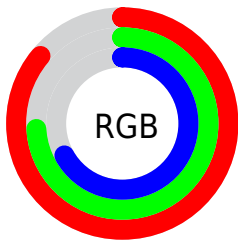
Format	Color
R _Y B	219, 201, 170
Decimal	14400938
CIE Lab	78.67, 7.75, 13.54
CIE LCh	79, 15.607, 60.210
Yxy	54.3575, 0.3535, 0.3515
Android (android.graphics.Color)	4292591018 (0xFFDBBDAA)
YUV	195.8040, -12.7214, 20.3429
Hunter-Lab	73.7275, 3.3291, 14.9058

Details

The XYZ color **54.6667, 54.3575, 45.6410** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **50.0176, 54.9677, 74.9918**, and the grayscale version is **52.4168, 55.1466, 60.0546**.

A 20% lighter version of the original color is **87.4830, 92.0011, 84.3813**, and **27.1784, 26.7029, 20.8612** is the 20% darker color. If you saturate the color by 10%, you get **50.0137, 48.0951, 34.7064**, and if you desaturate by 10%, it is **59.9343, 61.2960, 58.4844**.

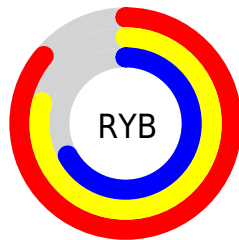
Distribution



Red (86%)

Green (74%)

Blue (67%)



Red (86%)

Yellow (79%)

Blue (67%)

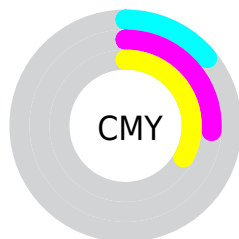


Cyan (0%)

Magenta (14%)

Yellow (22%)

Black (14%)



Cyan (14%)


Magenta (26%)


Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.6667, 54.3575, 45.6410 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 54.6667, 54.3575, 45.6410 by changing the saturation by 10% instead.


 54.6667, 54.3575,
45.6410

 54.6667, 54.3575,
45.6410


394.8043,
403.4718, 385.5990

 39.3677, 38.8876,
31.6160


 96.2036, 96.5990,
85.0101

 27.2279, 26.6723,
20.8060


123.1723,
124.1392, 111.1912

 17.8819, 17.3272,
12.7924

154.7615,
156.4718, 142.2616

 10.9644, 10.4681,
7.1567

191.3367,
193.9809, 178.6395

 6.1100, 5.7104,
3.4804

233.2633,
237.0511, 220.7437

 2.9534, 2.6698,
1.3448

280.9064,

 1.1292, 0.9619,

286.0667, 268.9927

0.0981

334.6317,
341.4122, 323.8049

■ 0.0493, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.6667, 54.3575,
45.6410

■ 54.6667, 54.3575,
45.6410

■ 50.0137, 48.0951,
34.7064

■ 59.9343, 61.2960,
58.4844

■ 45.9468, 42.4803,
25.5847

■ 65.8351, 68.9235,
73.3192

■ 42.4413, 37.4931,
18.1771

■ 72.3920, 77.2617,
90.2273

■ 39.4690, 33.1097,
12.3735

■ 79.2037, 86.1604,
107.0639

■ 36.9988, 29.3044,
8.0510

■ 83.0236, 93.8001,
108.3372

■ 34.9958, 26.0492,
5.0685

■ 33.4192, 23.3132,
3.2566

■ 32.4572, 21.5473,
2.4484

Harmonies

Analogous

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



56.9593, 54.3575, 51.0480



54.6667, 54.3575, 45.6410



51.6435, 54.3575, 43.7803

Triad

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



54.6667, 54.3575, 45.6410



45.9610, 54.3575, 59.2482



54.7057, 54.3575, 75.1035

Complementary

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



54.6667, 54.3575, 45.6410



50.0176, 54.9677, 74.9918

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.



51.6869, 54.3575, 77.8385



54.6667, 54.3575, 45.6410



46.7097, 54.3575, 68.1461

Square

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



54.6667, 54.3575, 45.6410



46.6894, 54.3575, 51.1456



48.7756, 54.3575, 75.1764



56.9825, 54.3575, 68.0280

Rectangle

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



54.6667, 54.3575, 45.6410



49.6442, 54.3575, 44.6407



48.7756, 54.3575, 75.1764



53.7402, 54.3575, 76.5907

Sweetspot

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



54.6682, 54.3600, 45.6421



88.9206, 92.1285, 93.3317



54.0393, 47.9905, 61.1919



18.9241, 19.5790, 19.7040



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.



54.6682, 54.3600, 45.6421



73.8761, 72.3261, 56.6047



60.3352, 65.6940, 47.5311



13.4681, 13.8755, 13.6940



19.3443, 12.9742, 1.4847



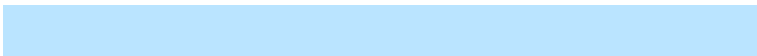
1.3353, 1.0047, 0.1236

Inverse Universe

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



50.0176, 54.9677, 74.9918



66.1614, 73.3283, 105.2744



44.8342, 44.6009, 73.2640



12.9988, 13.9374, 16.6572



12.7509, 13.3713, 41.6473



0.9088, 1.0316, 2.7257

Previews

White Background



This preview shows how the XYZ color 54.6667, 54.3575, 45.6410 looks on a white background.

Color Contrast Check

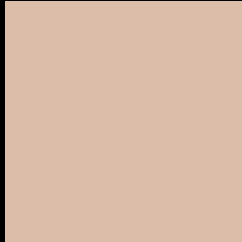
Large Text (above 18pt) WCAG AA × Fail

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 54.6667, 54.3575, 45.6410 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

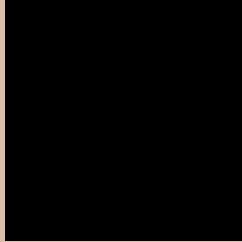
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.6667, 54.3575, 45.6410

Background



This preview shows how black text looks on a background with the XYZ color 54.6667, 54.3575, 45.6410.



This preview shows how white text looks on a background with the XYZ color 54.6667, 54.3575,

45.6410.

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

54.6667, 54.3575, 45.6410

Protanopia

51.4632, 54.2972, 47.3032

Deuteranopia

55.6703, 54.5567, 45.6266



Tritanopia

58.0892, 54.5094, 61.4926

Trichromacy



Original Color

54.6667, 54.3575, 45.6410

Protanomaly

52.5905, 54.2331, 46.7259

Deuteranomaly

55.3631, 54.3983, 45.6122

Tritanomaly

56.7602, 54.2782, 55.0621

Monochromacy



Original Color

54.6667, 54.3575, 45.6410

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

52.9414, 54.5652, 54.7555

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.6667, 54.3575, 45.6410 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, 189, 170)` looks like.

```
.text, #text, p{  
    color:rgb(219, 189, 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(219, 189, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 189, 170) }
```

Border

The CSS property to change the border of an element to XYZ 54.6667, 54.3575, 45.6410 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, 189, 170) }
```


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

```
.border{ border-color:rgb(219, 189, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 189, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 189, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 189, 170);  
box-shadow:4px 4px 4px 4px rgb(219, 189,  
170) }
```

Background

The CSS property to change the background color of an element to XYZ 54.6667, 54.3575, 45.6410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 189, 170) }
```

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

```
.background{ background-color: rgb(219,  
189, 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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