

# Converting Colors

XYZ(52.6541, 47.9134, 45.0011)

Have a look what the booklet for  
XYZ(52.6541, 47.9134, 45.0011)  
contains.

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# Color

**XYZ(52.6541, 47.9134,  
45.0011)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E0ABAB
RGB	224, 171, 171
RGB Percent	88%, 67%, 67%
CMY	0.1216, 0.3294, 0.3294
CMYK	0.00, 0.24, 0.24, 0.12
HSL	0°, 46%, 77%
HSV	0°, 24%, 88%
XYZ	52.6541, 47.9134, 45.0011
YIQ	186.8470, 31.5880, 11.2360

# Conversions

## Conversions Part 2

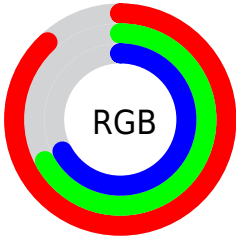
Format	Color
<a href="#">RYB</a>	<a href="#">224, 171, 171</a>
Decimal	<a href="#">14724011</a>
CIELab	<a href="#">74.77, 19.40, 7.52</a>
CIELCh	<a href="#">75, 20.803, 21.203</a>
Yxy	<a href="#">47.9134, 0.3617, 0.3291</a>
Android (android.graphics.Color)	<a href="#">4292914091</a> ( <a href="#">0xFFE0ABAB</a> )
YUV	<a href="#">186.8470, -7.8126, 32.5832</a>
Hunter-Lab	<a href="#">69.2195, 14.6478, 9.9079</a>

# Details

The XYZ color **52.6541, 47.9134, 45.0011** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **56.9041, 67.3492, 80.5219**, and the grayscale version is **47.1791, 49.6361, 54.0537**.

A 20% lighter version of the original color is **82.4366, 81.6892, 83.3742**, and **26.0750, 22.8504, 20.4890** is the 20% darker color. If you saturate the color by 10%, you get **46.8191, 39.3754, 33.3997**, and if you desaturate by 10%, it is **59.5705, 58.0343, 58.7491**.

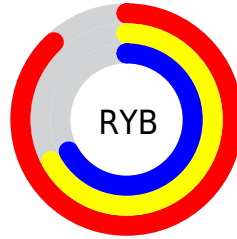
# Distribution



Red (88%)

Green (67%)

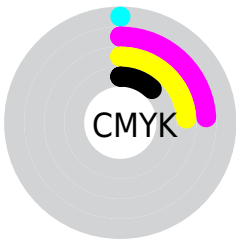
Blue (67%)



Red (88%)

Yellow (67%)

Blue (67%)

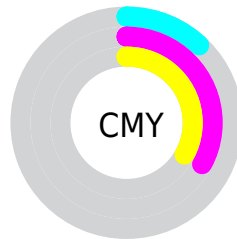


Cyan (0%)

Magenta (24%)

Yellow (24%)

Black (12%)



Cyan (12%)

Magenta (33%)


Yellow (33%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 52.6541, 47.9134, 45.0011 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 52.6541, 47.9134, 45.0011 by changing the saturation by 10% instead.





 52.6541, 47.9134,  
45.0011

 52.6541, 47.9134,  
45.0011


387.2392,  
378.4488, 382.9383

 37.7531, 33.7583,  
31.1153


 93.2637, 87.0755,  
84.0405

 25.9674, 22.7080,  
20.4275


119.7030,  
112.8512, 110.0313

 16.9318, 14.3780,  
12.5190


150.7191,  
143.2693, 140.8941

 10.2809, 8.3841,  
6.9714

186.6774,  
178.7141, 177.0475

 5.6493, 4.3417,  
3.3660

227.9432,  
219.5701, 218.9101

 2.6716, 1.8665,  
1.2844

274.8819,

 0.9826, 0.5281,

266.2216, 266.9004

0.0490

327.8588,  
319.0530, 321.4370

0.0000, 0.0000,  
0.0000

52.6541, 47.9134,  
45.0011

52.6541, 47.9134,  
45.0011

46.8191, 39.3754,  
33.3997

59.5705, 58.0343,  
58.7491

42.0072, 32.3342,  
23.8339

67.6148, 69.8053,  
74.7413

38.1605, 26.7054,  
16.1872

76.8357, 83.2980,  
93.0726

35.2141, 22.3939,  
10.3301

84.5506, 94.5874,  
108.4086

33.0948, 19.2926,  
6.1173

■ 31.7180, 17.2778,  
3.3808

■ 30.9813, 16.1996,  
1.9166

■ 30.7408, 15.8478,  
1.4387

# Harmonies

## Analogous

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



53.1029, 47.9134, 55.4164



52.6541, 47.9134, 45.0011



50.2451, 47.9134, 37.5770

# Triad

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



52.6541, 47.9134, 45.0011



40.1100, 47.9134, 40.1897



44.4383, 47.9134, 75.5484

# Complementary

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



52.6541, 47.9134, 45.0011



56.9041, 67.3492, 80.5219

# 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.



41.1386, 47.9134, 70.1218



52.6541, 47.9134, 45.0011



38.7320, 47.9134, 49.0520

# Square

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



52.6541, 47.9134, 45.0011



42.9631, 47.9134, 35.0779



39.0979, 47.9134, 60.0615



48.2184, 47.9134, 74.0688



# Rectangle

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



52.6541, 47.9134, 45.0011



47.9213, 47.9134, 34.8491



39.0979, 47.9134, 60.0615



43.2394, 47.9134, 74.4468

# Sweetspot

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



52.6554, 47.9156, 45.0021



86.8761, 88.0393, 92.6501



58.7584, 50.3555, 77.1441



18.4520, 18.6347, 19.5466



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.



52.6554, 47.9156, 45.0021



66.9086, 58.8214, 52.9551



58.1716, 58.9481, 46.8408



13.7074, 13.7007, 14.2288



17.8933, 9.2246, 0.8374



1.2403, 0.6395, 0.0581



# Inverse Universe

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



56.9041, 67.3492, 80.5219



73.4796, 88.8773, 107.8900



50.3297, 54.2003, 78.3305



14.1165, 15.5722, 17.6494



23.3442, 34.1581, 46.4112

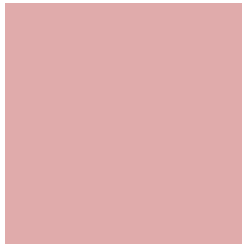


1.6181, 2.3677, 3.2170



# Previews

## White Background



This preview shows how the XYZ color 52.6541, 47.9134, 45.0011 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

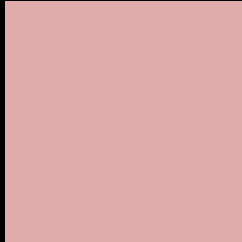
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 52.6541, 47.9134, 45.0011 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 52.6541, 47.9134, 45.0011**

## **Background**



This preview shows how black text looks on a background with the XYZ color 52.6541, 47.9134, 45.0011.



This preview shows how white text looks on a background with the XYZ color 52.6541, 47.9134,



# 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

52.6541, 47.9134, 45.0011

### Protanopia

46.1626, 48.3141, 49.0120

### Deuteranopia

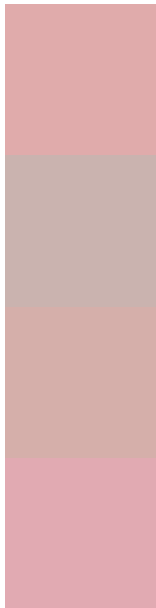
48.9082, 48.0085, 44.7190



## Tritanopia

53.6828, 47.7609, 50.6454

# Trichromacy



## Original Color

52.6541, 47.9134, 45.0011

## Protanomaly

48.2151, 47.8919, 47.2603

## Deuteranomaly

50.0262, 47.7084, 44.6022

## Tritanomaly

53.4619, 47.9714, 48.5611

# Monochromacy



## Original Color

52.6541, 47.9134, 45.0011

## Achromatopsia

47.2335, 49.6933, 54.1160

## Achromatomaly

48.6838, 48.6633, 50.5431

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 52.6541, 47.9134, 45.0011 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(224, 171, 171)` looks like.

```
.text, #text, p{  
    color:rgb(224, 171, 171)  
}
```

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(224, 171, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 171, 171) }
```

## Border

The CSS property to change the border of an element to XYZ 52.6541, 47.9134, 45.0011 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(224, 171, 171) }
```



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

```
.border{ border-color:rgb(224, 171, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 171, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 171, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 171, 171);  
box-shadow:4px 4px 4px 4px rgb(224, 171,  
171) }
```

# Background

The CSS property to change the background color of an element to XYZ 52.6541, 47.9134, 45.0011 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 171, 171) }
```

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

```
.background{ background-color: rgb(224,  
171, 171) }
```

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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