

# Converting Colors

XYZ(54.1353, 45.7626, 49.5453)

Have a look what the booklet for  
XYZ(54.1353, 45.7626, 49.5453)  
contains.

<b>XYZ(54.3641, 45.9817, 49.7261)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**XYZ(54.3641, 45.9817,  
49.7261)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E8A1B5
RGB	232, 161, 181
RGB Percent	91%, 63%, 71%
CMY	0.0902, 0.3686, 0.2902
CMYK	0.00, 0.31, 0.22, 0.09
HSL	343°, 61%, 77%
HSV	343°, 31%, 91%
XYZ	54.3641, 45.9817, 49.7261
YIQ	184.5090, 35.8960, 21.2720

# Conversions

## Conversions Part 2

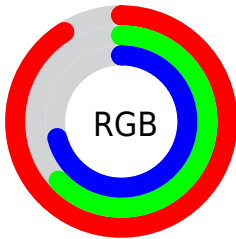
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	232, 161, 181
Decimal	15245749
CIE Lab	73.53, 29.12, 0.35
CIE LCh	74, 29.126, 0.689
Yxy	45.9817, 0.3623, 0.3064
Android (android.graphics.Color)	4293435829 (0xFFE8A1B5)
YUV	184.5090, -1.7299, 41.6496
Hunter-Lab	67.8098, 24.4389, 3.9885

# Details

The XYZ color **54.3641, 45.9817, 49.7261** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **55.4402, 70.0450, 72.8888**, and the grayscale version is **45.8380, 48.2251, 52.5171**.

A 20% lighter version of the original color is **81.0819, 76.4862, 90.6106**, and **27.0441, 21.6098, 23.1678** is the 20% darker color. If you saturate the color by 10%, you get **49.0707, 37.9696, 40.0234**, and if you desaturate by 10%, it is **60.6168, 55.5843, 60.7589**.

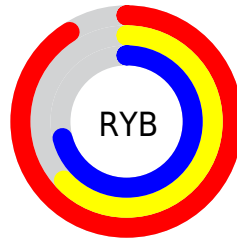
# Distribution



Red (91%)

Green (63%)

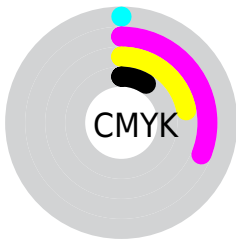
Blue (71%)



Red (91%)

Yellow (63%)

Blue (71%)

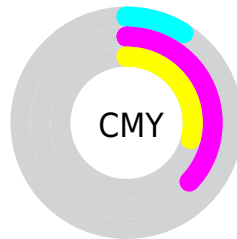


Cyan (0%)

Magenta (31%)

Yellow (22%)

Black (9%)



Cyan (9%)

Magenta (37%)


Yellow (29%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 54.3641, 45.9817, 49.7261 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 54.3641, 45.9817, 49.7261 by changing the saturation by 10% instead.





 54.3641, 45.9817,  
49.7261


 54.3641, 45.9817,  
49.7261


393.6726,  
370.7351, 402.2982

 39.1247, 32.2314,  
34.8262

 95.7624, 84.1916,  
91.1610

 27.0379, 21.5383,  
23.2465


 122.6520,  
109.4200, 118.5331

 17.7384, 13.5180,  
14.5686


154.1556,  
139.2432, 150.8997

 10.8609, 7.7862,  
8.3740

190.6387,  
174.0456, 188.6792

 6.0400, 3.9585,  
4.2440

232.4666,  
214.2116, 232.2903

 2.9103, 1.6504,  
1.7601

280.0047,

 1.1065, 0.3912,

260.1255, 282.1515

0.4015

333.6182,  
312.1719, 338.6812

■ 0.0305, 0.0000,  
0.0000

■ 0.0000, 0.0000,  
0.0000

■ 54.3641, 45.9817,  
49.7261

■ 54.3641, 45.9817,  
49.7261

■ 49.0707, 37.9696,  
40.0234

■ 60.6168, 55.5843,  
60.7589

■ 44.6839, 31.4553,  
31.5963

■ 67.8703, 66.8505,  
73.1677

■ 41.1517, 26.3464,  
24.3904

■ 76.1683, 79.8568,  
86.9997

■ 38.4150, 22.5377,  
18.3460

■ 85.5504, 94.6729,  
102.2990

■ 36.4067, 19.9087,  
13.3981

■ 87.0889, 95.8959,  
108.5274

■ 35.0476, 18.3165,  
9.4740

■ 34.2430, 17.5416,  
6.6342

# Harmonies

## Analogous

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



52.9128, 45.9817, 65.2603



54.3641, 45.9817, 49.7261



52.7777, 45.9817, 36.9507

# Triad

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



54.3641, 45.9817, 49.7261



38.8460, 45.9817, 29.4365



39.0369, 45.9817, 79.0656

# Complementary

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



54.3641, 45.9817, 49.7261



55.4402, 70.0450, 72.8888

# 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.



35.7352, 45.9817, 65.9674



54.3641, 45.9817, 49.7261



35.6313, 45.9817, 37.4350

# Square

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



54.3641, 45.9817, 49.7261



43.5853, 45.9817, 26.7393



34.5377, 45.9817, 50.4080



43.8234, 45.9817, 84.0854



# Rectangle

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



54.3641, 45.9817, 49.7261



50.2775, 45.9817, 31.1849



34.5377, 45.9817, 50.4080



37.7304, 45.9817, 75.3493

# Sweetspot

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



54.3654, 45.9838, 49.7270



85.6189, 85.2047, 93.2188



54.4298, 45.2979, 82.2191



18.0213, 17.7614, 19.4394



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.



54.3654, 45.9838, 49.7270



62.9174, 50.2250, 53.5174



55.3140, 50.9323, 40.6363



14.5430, 14.4344, 15.7939



19.0567, 9.7569, 3.9275



1.4470, 0.7365, 0.4944



# Inverse Universe

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



54.3654, 45.9838, 49.7270



62.9174, 50.2250, 53.5174



53.9793, 62.8331, 85.6275



14.5430, 14.4344, 15.7939



19.0567, 9.7569, 3.9275



1.4470, 0.7365, 0.4944



# Previews

## White Background



This preview shows how the XYZ color 54.3641, 45.9817, 49.7261 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

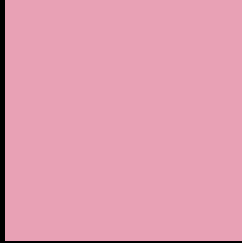
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 54.3641, 45.9817, 49.7261 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

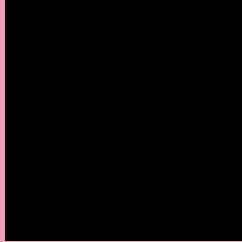
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**XYZ 54.3641, 45.9817, 49.7261**

## **Background**



This preview shows how black text looks on a background with the XYZ color 54.3641, 45.9817, 49.7261.



This preview shows how white text looks on a background with the XYZ color 54.3641, 45.9817,



# 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

54.3641, 45.9817, 49.7261

### Protanopia

44.8917, 46.2720, 56.4345

### Deuteranopia

46.9190, 46.0164, 48.5286



## Tritanopia

53.5153, 45.8856, 46.0806

# Trichromacy



## Original Color

54.3641, 45.9817, 49.7261

## Protanomaly

47.8401, 45.7973, 53.8953

## Deuteranomaly

49.3754, 45.8530, 48.8960

## Tritanomaly

53.8111, 46.0039, 47.6385

# Monochromacy



## Original Color

54.3641, 45.9817, 49.7261

## Achromatopsia

46.1135, 48.5150, 52.8328

## Achromatomaly

48.5342, 47.0679, 51.8744

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 54.3641, 45.9817, 49.7261 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(232, 161, 181)` looks like.

```
.text, #text, p{  
    color:rgb(232, 161, 181)  
}
```

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(232, 161, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 161, 181) }
```

## Border

The CSS property to change the border of an element to XYZ 54.3641, 45.9817, 49.7261 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(232, 161, 181) }
```



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

```
.border{ border-color:rgb(232, 161, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 161, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 161, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 161, 181);  
box-shadow:4px 4px 4px 4px rgb(232, 161,  
181) }
```

# Background

The CSS property to change the background color of an element to XYZ 54.3641, 45.9817, 49.7261 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 161, 181) }
```

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

```
.background{ background-color: rgb(232,  
161, 181) }
```

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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