

# Converting Colors

XYZ(54.9084, 46.3364, 50.7549)

Have a look what the booklet for  
XYZ(54.9084, 46.3364, 50.7549)  
contains.

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# Color

**XYZ(54.8964, 46.2323,  
50.8301)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E9A1B7
RGB	233, 161, 183
RGB Percent	91%, 63%, 72%
CMY	0.0863, 0.3686, 0.2823
CMYK	0.00, 0.31, 0.21, 0.09
HSL	342°, 62%, 77%
HSV	342°, 31%, 91%
XYZ	54.8964, 46.2323, 50.8301
YIQ	185.0360, 35.8500, 22.1060

# Conversions

## Conversions Part 2

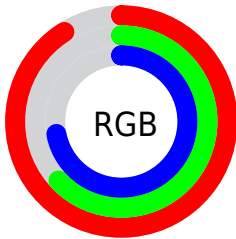
Format	Color
R <sub>Y</sub> B	233, 161, 183
Decimal	15311287
CIE Lab	73.70, 29.77, -0.50
CIE LCh	74, 29.778, 359.036
Yxy	46.2323, 0.3613, 0.3042
Android (android.graphics.Color)	4293501367 (0xFFE9A1B7)
YUV	185.0360, -1.0037, 42.0644
Hunter-Lab	67.9943, 25.1250, 3.2730

# Details

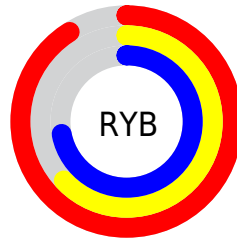
The XYZ color **54.8964, 46.2323, 50.8301** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **55.5967, 70.5592, 72.3206**, and the grayscale version is **46.1267, 48.5289, 52.8480**.

A 20% lighter version of the original color is **81.3759, 76.6037, 92.1584**, and **27.4024, 21.7791, 23.8786** is the 20% darker color. If you saturate the color by 10%, you get **49.6091, 38.1997, 41.2304**, and if you desaturate by 10%, it is **61.1386, 55.8640, 61.7046**.

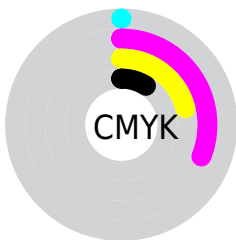
# Distribution



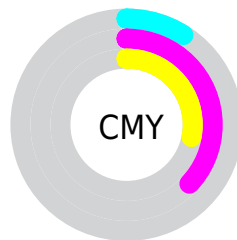
- Red (91%)
- Green (63%)
- Blue (72%)



- Red (91%)
- Yellow (63%)
- Blue (72%)



- Cyan (0%)
- Magenta (31%)
- Yellow (21%)
- Black (9%)




- Cyan (9%)
- Magenta (37%)
- Yellow (28%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 54.8964, 46.2323, 50.8301 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 54.8964, 46.2323, 50.8301 by changing the saturation by 10% instead.





 54.8964, 46.2323,  
50.8301


 54.8964, 46.2323,  
50.8301


395.6619,  
371.7418, 406.7310

 39.5523, 32.4292,  
35.6976


 96.5384, 84.5665,  
92.8125

 27.3723, 21.6895,  
23.9129


 123.5669,  
109.8665, 120.4995

 17.9911, 13.6289,  
15.0574

155.2210,  
139.7674, 153.2085

 11.0432, 7.8630,  
8.7126

191.8660,  
174.6538, 191.3579

 6.1634, 4.0074,  
4.4600

233.8672,  
214.9101, 235.3663

 2.9863, 1.6777,  
1.8809

281.5900,

 1.1465, 0.4092,

260.9205, 285.6523

0.4806

335.3998,  
313.0697, 342.6343

■ 0.0635, 0.0000,  
0.0000

■ 0.0000, 0.0000,  
0.0000

■ 54.8964, 46.2323,  
50.8301

■ 54.8964, 46.2323,  
50.8301

■ 49.6091, 38.1997,  
41.2304

■ 61.1386, 55.8640,  
61.7046

■ 45.2242, 31.6727,  
32.8540

■ 68.3770, 67.1686,  
73.8967

■ 41.6896, 26.5580,  
25.6504

■ 76.6551, 80.2234,  
87.4507

■ 38.9462, 22.7490,  
19.5635

■ 86.0127, 95.0986,  
102.4080

■ 36.9270, 20.1241,  
14.5326

■ 87.4145, 96.0637,  
108.5427

■ 35.5526, 18.5381,  
10.4898

■ 34.7477, 17.7810,  
7.5930

# Harmonies

## Analogous

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



53.2366, 46.2323, 66.8315



54.8964, 46.2323, 50.8301



53.4311, 46.2323, 37.5034

# Triad

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



54.8964, 46.2323, 50.8301



39.1963, 46.2323, 28.9549



38.9227, 46.2323, 79.6176

# Complementary

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



54.8964, 46.2323, 50.8301



55.5967, 70.5592, 72.3206

# 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.



35.6494, 46.2323, 65.8128



54.8964, 46.2323, 50.8301



35.7982, 46.2323, 36.8111

# Square

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



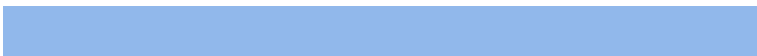
54.8964, 46.2323, 50.8301



44.1135, 46.2323, 26.5027



34.5521, 46.2323, 49.8513



43.7718, 46.2323, 85.3709



# Rectangle

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



54.8964, 46.2323, 50.8301



50.9407, 46.2323, 31.4190



34.5521, 46.2323, 49.8513



37.6163, 46.2323, 75.6446

# Sweetspot

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



54.8977, 46.2345, 50.8310



85.6998, 85.2370, 93.6445



54.0899, 45.1064, 82.9468



18.0411, 17.7693, 19.5438



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.



54.8977, 46.2345, 50.8310



63.1608, 50.3224, 54.7991



55.2137, 50.2485, 40.5098



15.2549, 15.1298, 16.6277



19.7649, 10.1086, 4.5633



1.5935, 0.8104, 0.5769



# Inverse Universe

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



54.8977, 46.2345, 50.8310



63.1608, 50.3224, 54.7991



54.9483, 64.5432, 86.6532



15.2549, 15.1298, 16.6277



19.7649, 10.1086, 4.5633



1.5935, 0.8104, 0.5769



# Previews

## White Background



This preview shows how the XYZ color 54.8964, 46.2323, 50.8301 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

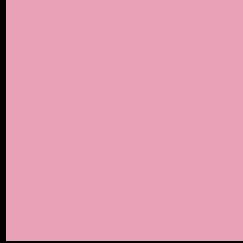
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 54.8964, 46.2323, 50.8301 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

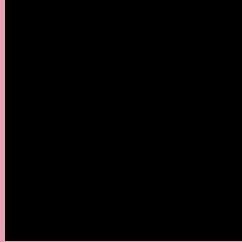
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**XYZ 54.8964, 46.2323, 50.8301**

## **Background**



This preview shows how black text looks on a background with the XYZ color 54.8964, 46.2323, 50.8301.



This preview shows how white text looks on a background with the XYZ color 54.8964, 46.2323,



# 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

54.8964, 46.2323, 50.8301

### Protanopia

45.1149, 46.3613, 57.6098

### Deuteranopia

47.3167, 46.4881, 49.6593



## Tritanopia

53.9369, 46.0916, 46.6112

# Trichromacy



## Original Color

54.8964, 46.2323, 50.8301

## Protanomaly

48.0573, 45.8842, 55.0388

## Deuteranomaly

49.7674, 46.3109, 50.0319

## Tritanomaly

54.2349, 46.2108, 48.1806

# Monochromacy



## Original Color

54.8964, 46.2323, 50.8301

## 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 54.8964, 46.2323, 50.8301 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(233, 161, 183)` looks like.

```
.text, #text, p{  
    color:rgb(233, 161, 183)  
}
```

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(233, 161, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 161, 183) }
```

## Border

The CSS property to change the border of an element to XYZ 54.8964, 46.2323, 50.8301 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(233, 161, 183) }
```



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

```
.border{ border-color:rgb(233, 161, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 161, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 161, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 161, 183);  
box-shadow:4px 4px 4px 4px rgb(233, 161,  
183) }
```

# Background

The CSS property to change the background color of an element to XYZ 54.8964, 46.2323, 50.8301 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 161, 183) }
```

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

```
.background{ background-color: rgb(233,  
161, 183) }
```

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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