

Converting Colors

XYZ(56.1381, 46.5873, 47.6745)

Have a look what the booklet for
XYZ(56.1381, 46.5873, 47.6745)
contains.

XYZ(56.1032, 46.6667, 47.6456)	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(56.1032, 46.6667,
47.6456)**

Conversions

Conversions Part 1

Format	Color
Hex	EFA0B1
RGB	239, 160, 177
RGB Percent	94%, 63%, 69%
CMY	0.0627, 0.3725, 0.3059
CMYK	0.00, 0.33, 0.26, 0.06
HSL	347°, 71%, 78%
HSV	347°, 33%, 94%
XYZ	56.1032, 46.6667, 47.6456
YIQ	185.5590, 41.6270, 22.0350

Conversions

Conversions Part 2

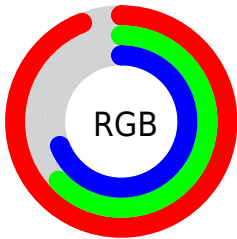
Format	Color
R _Y B	239, 160, 177
Decimal	15704241
CIE Lab	73.98, 31.60, 3.29
CIE LCh	74, 31.767, 5.948
Yxy	46.6667, 0.3730, 0.3103
Android (android.graphics.Color)	4293894321 (0xFFEFA0B1)
YUV	185.5590, -4.2196, 46.8678
Hunter-Lab	68.3130, 27.0483, 6.4667

Details

The XYZ color **56.1032, 46.6667, 47.6456** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **58.5505, 74.4816, 80.4014**, and the grayscale version is **46.4333, 48.8514, 53.1992**.

A 20% lighter version of the original color is **80.2484, 75.7441, 87.4813**, and **28.0154, 21.8198, 22.1371** is the 20% darker color. If you saturate the color by 10%, you get **50.6083, 38.4660, 37.2149**, and if you desaturate by 10%, it is **62.6541, 56.5674, 59.6974**.

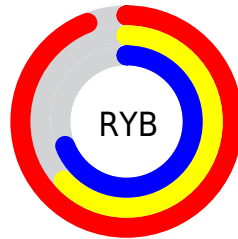
Distribution



Red (94%)

Green (63%)

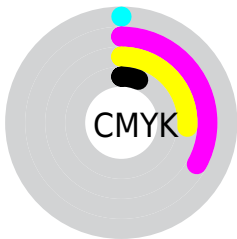
Blue (69%)



Red (94%)

Yellow (63%)

Blue (69%)

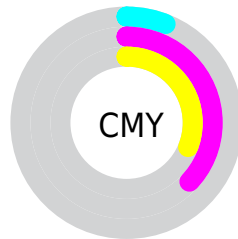


Cyan (0%)

Magenta (33%)

Yellow (26%)

Black (6%)



Cyan (6%)


Magenta (37%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.1032, 46.6667, 47.6456 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 56.1032, 46.6667, 47.6456 by changing the saturation by 10% instead.


 56.1032, 46.6667,
47.6456


 56.1032, 46.6667,
47.6456

400.1490,
373.4826, 393.8538

 40.5230, 32.7722,
33.1883

 98.2944, 85.2159,
88.0366

 28.1326, 21.9520,
21.9985


 125.6361,
110.6394, 114.8073

 18.5666, 13.8217,
13.6575


157.6290,
140.6748, 146.5196

 11.4597, 7.9967,
7.7468

194.6384,
175.7063, 183.5921

 6.4465, 4.0929,
3.8479

237.0298,
216.1185, 226.4432

 3.1616, 1.7256,
1.5423

285.1685,

 1.2398, 0.4402,

262.2957, 275.4914

0.2491

339.4198,
314.6222, 331.1555

■ 0.1375, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.1032, 46.6667,
47.6456

■ 56.1032, 46.6667,
47.6456

■ 50.6083, 38.4660,
37.2149

■ 62.6541, 56.5674,
59.6974

■ 46.1093, 31.8629,
28.3322

■ 70.3091, 68.2496,
73.4331

■ 42.5460, 26.7544,
20.9231

■ 79.1181, 81.7977,
88.9159

■ 39.8498, 23.0222,
14.9056

■ 88.9327, 96.9012,
106.1400

■ 37.9421, 20.5305,
10.1893

■ 89.4067, 97.0908,
108.6359

■ 36.7294, 19.1149,
6.6719

■ 36.2035, 18.5935,
4.8614

Harmonies

Analogous

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



55.0714, 46.6667, 64.6257



56.1032, 46.6667, 47.6456



53.7770, 46.6667, 34.6019

Triad

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



56.1032, 46.6667, 47.6456



38.2595, 46.6667, 29.4996



40.0597, 46.6667, 84.9795

Complementary

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



56.1032, 46.6667, 47.6456



58.5505, 74.4816, 80.4014

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.



36.1038, 46.6667, 71.4281



56.1032, 46.6667, 47.6456



35.1281, 46.6667, 39.1221

Square

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



56.1032, 46.6667, 47.6456



43.2354, 46.6667, 25.6592



34.3738, 46.6667, 54.1159



45.4944, 46.6667, 88.6119

Rectangle

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



56.1032, 46.6667, 47.6456



50.7426, 46.6667, 29.0892



34.3738, 46.6667, 54.1159



38.5279, 46.6667, 81.3108

Sweetspot

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



56.1045, 46.6689, 47.6465



84.3913, 83.5731, 90.2701



58.2408, 46.8872, 87.6420



17.7662, 17.4322, 18.7968



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.



56.1045, 46.6689, 47.6465



60.3636, 47.1354, 46.4454



58.7499, 54.5040, 40.6845



15.9120, 15.8145, 17.0926



20.0460, 10.2908, 2.8930



1.7033, 0.8704, 0.4283

Inverse Universe

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



56.1045, 46.6689, 47.6465



60.3636, 47.1354, 46.4454



54.7931, 63.1355, 90.9600



15.9120, 15.8145, 17.0926



20.0460, 10.2908, 2.8930



1.7033, 0.8704, 0.4283

Previews

White Background



This preview shows how the XYZ color 56.1032, 46.6667, 47.6456 looks on a white background.

Color Contrast Check

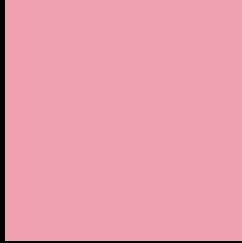
Large Text (above 18pt) WCAG AA × Fail

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 56.1032, 46.6667, 47.6456 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 56.1032, 46.6667, 47.6456

Background



This preview shows how black text looks on a background with the XYZ color 56.1032, 46.6667, 47.6456.



This preview shows how white text looks on a background with the XYZ color 56.1032, 46.6667,

47.6456.

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

56.1032, 46.6667, 47.6456

Protanopia

45.2376, 46.7891, 54.7910

Deuteranopia

47.7939, 46.8032, 46.5593



Tritanopia

55.8843, 46.8576, 45.6342

Trichromacy



Original Color

56.1032, 46.6667, 47.6456



Protanomaly

48.3291, 46.0864, 52.2473



Deuteranomaly

50.4315, 46.4435, 46.8639



Tritanomaly

55.9815, 46.8965, 46.1458

Monochromacy



Original Color

56.1032, 46.6667, 47.6456



Achromatopsia

46.6715, 49.1021, 53.4722



Achromatomaly

49.4462, 47.8423, 51.4281

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.1032, 46.6667, 47.6456 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(239, 160, 177)` looks like.

```
.text, #text, p{  
    color:rgb(239, 160, 177)  
}
```

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(239, 160, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 160, 177) }
```

Border

The CSS property to change the border of an element to XYZ 56.1032, 46.6667, 47.6456 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(239, 160, 177) }
```


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

```
.border{ border-color:rgb(239, 160, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 160, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 160, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 160, 177);  
box-shadow:4px 4px 4px 4px rgb(239, 160,  
177) }
```

Background

The CSS property to change the background color of an element to XYZ 56.1032, 46.6667, 47.6456 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 160, 177) }
```

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

```
.background{ background-color: rgb(239,  
160, 177) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor