

Converting Colors

XYZ(53.4501, 48.4208, 47.0978)

Have a look what the booklet for
XYZ(53.4501, 48.4208, 47.0978)
contains.

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Color

**XYZ(53.5417, 48.6077,
47.1177)**

Conversions

Conversions Part 1

Format	Color
Hex	E1ACAF
RGB	225, 172, 175
RGB Percent	88%, 67%, 69%
CMY	0.1176, 0.3255, 0.3137
CMYK	0.00, 0.24, 0.22, 0.12
HSL	357°, 47%, 78%
HSV	357°, 24%, 88%
XYZ	53.5417, 48.6077, 47.1177
YIQ	188.1890, 30.6250, 12.1690

Conversions

Conversions Part 2

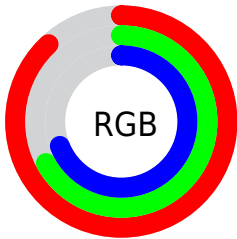
Format	Color
R_{YB}	225, 172, 175
Decimal	14789807
CIE _{Lab}	75.21, 19.81, 5.98
CIE _{LCh}	75, 20.691, 16.788
Yxy	48.6077, 0.3587, 0.3256
Android (android.graphics.Color)	4292979887 (0xFFE1ACAF)
YUV	188.1890, -6.5022, 32.2832
Hunter-Lab	69.7192, 15.0725, 8.7340

Details

The XYZ color **53.5417, 48.6077, 47.1177** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **57.1252, 67.8961, 79.2050**, and the grayscale version is **47.9320, 50.4282, 54.9164**.

A 20% lighter version of the original color is **83.2663, 82.4600, 86.3907**, and **26.5342, 23.0587, 21.7912** is the 20% darker color. If you saturate the color by 10%, you get **47.6929, 39.9883, 35.6777**, and if you desaturate by 10%, it is **60.4459, 58.8126, 60.5276**.

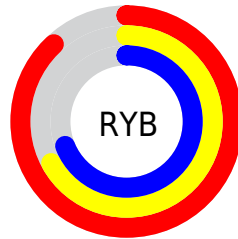
Distribution



Red (88%)

Green (67%)

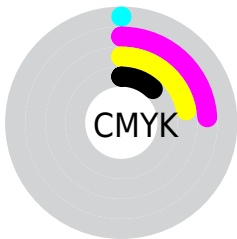
Blue (69%)



Red (88%)

Yellow (67%)

Blue (69%)

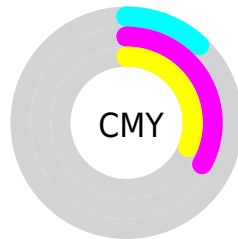


Cyan (0%)

Magenta (24%)

Yellow (22%)

Black (12%)



Cyan (12%)

Magenta (33%)

Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.5417, 48.6077, 47.1177 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 53.5417, 48.6077, 47.1177 by changing the saturation by 10% instead.

 53.5417, 48.6077,
47.1177

 53.5417, 48.6077,
47.1177

390.5869,
381.1959, 391.6915

 38.4646, 34.3084,
32.7737

 94.5618, 88.1085,
87.2411

 26.5223, 23.1306,
21.6834


121.2356,
114.0788, 113.8576

 17.3495, 14.6900,
13.4284


152.5056,
144.7082, 145.4020

 10.5809, 8.6021,
7.5900

188.7372,
180.3812, 182.2928

 5.8509, 4.4826,
3.7498

230.2958,
221.4820, 224.9487

 2.7945, 1.9470,
1.4891

277.5467,

 1.0460, 0.5764,

268.3951, 273.7880

0.2098

330.8553,
321.5050, 329.2295

■ 0.0000, 0.0000,
0.0000

■ 53.5417, 48.6077,
47.1177

■ 53.5417, 48.6077,
47.1177

■ 47.6929, 39.9883,
35.6777

■ 60.4459, 58.8126,
60.5276

■ 42.8438, 32.8687,
26.1120

■ 68.4498, 70.6698,
75.9910

■ 38.9395, 27.1650,
18.3216

■ 77.5998, 84.2505,
93.5901

■ 35.9184, 22.7827,
12.1971

■ 84.8615, 94.7476,
108.4232

■ 33.7114, 19.6157,
7.6170

■ 32.2392, 17.5415,
4.4433

■ 31.4064, 16.4119,
2.5136

■ 31.1223, 16.0360,
1.8263

Harmonies

Analogous

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



53.6718, 48.6077, 57.8452



53.5417, 48.6077, 47.1177



51.3769, 48.6077, 39.1127

Triad

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



53.5417, 48.6077, 47.1177



41.0849, 48.6077, 39.8713



44.5530, 48.6077, 75.9804

Complementary

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



53.5417, 48.6077, 47.1177



57.1252, 67.8961, 79.2050

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.



41.3834, 48.6077, 69.6586



53.5417, 48.6077, 47.1177



39.4562, 48.6077, 48.2930

Square

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



53.5417, 48.6077, 47.1177



44.1250, 48.6077, 35.3383



39.5624, 48.6077, 59.1920



48.3393, 48.6077, 75.5517

Rectangle

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



53.5417, 48.6077, 47.1177



49.1352, 48.6077, 35.9534



39.5624, 48.6077, 59.1920



43.3844, 48.6077, 74.5413

Sweetspot

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



53.5430, 48.6099, 47.1187



87.0236, 88.0977, 93.4294



58.3056, 50.3890, 77.8875



18.4860, 18.6482, 19.7263



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.



53.5430, 48.6099, 47.1187



67.3354, 58.9902, 55.2089



58.0068, 58.0031, 47.1709



13.7385, 13.7130, 14.3931



17.9477, 9.2461, 1.1243



1.2553, 0.6454, 0.1371

Inverse Universe

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



53.5430, 48.6099, 47.1187



67.3354, 58.9902, 55.2089



51.7341, 56.4655, 79.4068



13.7385, 13.7130, 14.3931



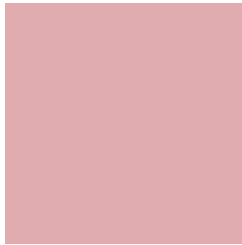
17.9477, 9.2461, 1.1243



1.2553, 0.6454, 0.1371

Previews

White Background



This preview shows how the XYZ color 53.5417, 48.6077, 47.1177 looks on a white background.

Color Contrast Check

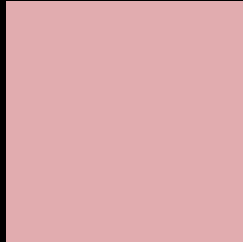
Large Text (above 18pt) WCAG AA × Fail

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 53.5417, 48.6077, 47.1177 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

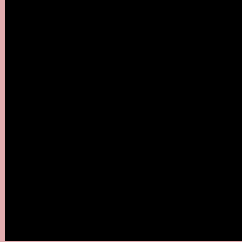
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.5417, 48.6077, 47.1177

Background



This preview shows how black text looks on a background with the XYZ color 53.5417, 48.6077, 47.1177.



This preview shows how white text looks on a background with the XYZ color 53.5417, 48.6077,

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

53.5417, 48.6077, 47.1177

Protanopia

47.0277, 49.0225, 51.2396

Deuteranopia

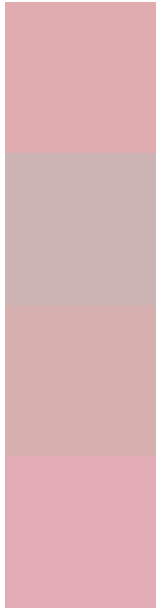
49.7725, 48.7061, 46.8223



Tritanopia

54.5787, 48.7553, 51.8815

Trichromacy



Original Color

53.5417, 48.6077, 47.1177

Protanomaly

49.0865, 48.5937, 49.4402

Deuteranomaly

50.8969, 48.4028, 46.7045

Tritanomaly

54.2674, 48.6308, 50.2425

Monochromacy



Original Color

53.5417, 48.6077, 47.1177

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

49.3626, 49.2923, 51.7124

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.5417, 48.6077, 47.1177 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(225, 172, 175)` looks like.

```
.text, #text, p{  
    color:rgb(225, 172, 175)  
}
```

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(225, 172, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 172, 175) }
```

Border

The CSS property to change the border of an element to XYZ 53.5417, 48.6077, 47.1177 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(225, 172, 175) }
```


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

```
.border{ border-color:rgb(225, 172, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 172, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 172, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 172, 175);  
box-shadow:4px 4px 4px 4px rgb(225, 172,  
175) }
```

Background

The CSS property to change the background color of an element to XYZ 53.5417, 48.6077, 47.1177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 172, 175) }
```

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

```
.background{ background-color: rgb(225,  
172, 175) }
```

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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