

Converting Colors

XYZ(48.0894, 43.5712, 24.1587)

Have a look what the booklet for
XYZ(48.0894, 43.5712, 24.1587)
contains.

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Color

**XYZ(48.1117, 43.5767,
24.2877)**

Conversions

Conversions Part 1

Format	Color
Hex	E3A27A
RGB	227, 162, 122
RGB Percent	89%, 64%, 48%
CMY	0.1098, 0.3647, 0.5216
CMYK	0.00, 0.29, 0.46, 0.11
HSL	23°, 65%, 68%
HSV	23°, 46%, 89%
XYZ	48.1117, 43.5767, 24.2877
YIQ	176.8750, 51.5800, 1.3400

Conversions

Conversions Part 2

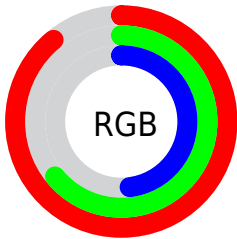
Format	Color
R _Y B	227, 187, 122
Decimal	14918266
CIE Lab	71.94, 19.41, 30.33
CIE LCh	72, 36.013, 57.388
Yxy	43.5767, 0.4148, 0.3757
Android (android.graphics.Color)	4293108346 (0xFFE3A27A)
YUV	176.8750, -27.0534, 43.9596
Hunter-Lab	66.0127, 14.5732, 24.3946

Details

The XYZ color **48.1117, 43.5767, 24.2877** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **39.6606, 45.2222, 79.3112**, and the grayscale version is **41.8439, 44.0230, 47.9410**.

A 20% lighter version of the original color is **73.7907, 73.9809, 50.9480**, and **23.1407, 20.0679, 8.9572** is the 20% darker color. If you saturate the color by 10%, you get **44.5278, 38.4031, 16.9458**, and if you desaturate by 10%, it is **52.3028, 49.4391, 33.4535**.

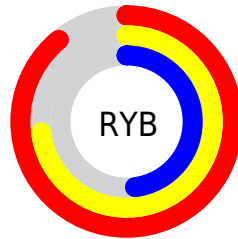
Distribution



Red (89%)

Green (64%)

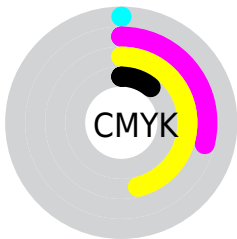
Blue (48%)



Red (89%)

Yellow (73%)

Blue (48%)

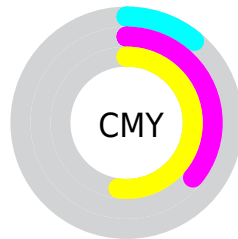


Cyan (0%)

Magenta (29%)

Yellow (46%)

Black (11%)



Cyan (11%)


Magenta (36%)


Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.1117, 43.5767, 24.2877 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 48.1117, 43.5767, 24.2877 by changing the saturation by 10% instead.


 48.1117, 43.5767,
24.2877


 48.1117, 43.5767,
24.2877


369.8099,
360.9781, 287.6050


 34.1270, 30.3379,
15.3330


 86.5794, 80.5804,
51.4490

 23.1545, 20.0952,
8.9042

 111.7930,
105.1141, 70.4926

 14.8290, 12.4642,
4.5828


 141.4804,
134.1814, 93.7364

 8.7850, 7.0607,
1.9502

176.0068,
168.1669, 121.5987

 4.6572, 3.5001,
0.5244

215.7376,
207.4550, 154.4982

 2.0802, 1.3980,
0.0000

261.0381,

 0.6784, 0.2153,

252.4299, 192.8534

0.0000

312.2738,
303.4762, 237.0828

■ 0.0000, 0.0000,
0.0000

■ 48.1117, 43.5767,
24.2877

■ 48.1117, 43.5767,
24.2877

■ 44.5278, 38.4031,
16.9458

■ 52.3028, 49.4391,
33.4535

■ 41.5158, 33.8846,
11.2999

■ 57.1276, 56.0097,
44.5540

■ 39.0407, 29.9937,
7.2096


■ 62.6146, 63.3147,
57.6941


■ 37.0620, 26.6980,
4.5101


■ 68.7896, 71.3771,
72.9702

■ 35.5305, 23.9605,
2.9963

■ 75.6768, 80.2189,
90.4727

 35.0453, 23.0645,
2.6048

 82.7796, 89.6531,
107.5496

 85.4884, 95.0708,
108.4525

Harmonies

Analogous

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



52.8087, 43.5767, 33.5331



48.1117, 43.5767, 24.2877



41.9587, 43.5767, 21.0545

Triad

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



48.1117, 43.5767, 24.2877



30.7098, 43.5767, 45.9234



47.0893, 43.5767, 84.2408

Complementary

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



48.1117, 43.5767, 24.2877



39.6606, 45.2222, 79.3112

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.



40.8827, 43.5767, 89.8662



48.1117, 43.5767, 24.2877



31.7962, 43.5767, 64.7603

Square

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



48.1117, 43.5767, 24.2877



32.2494, 43.5767, 31.4600



35.3765, 43.5767, 82.0018



52.1787, 43.5767, 68.0998

Rectangle

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



48.1117, 43.5767, 24.2877



37.9899, 43.5767, 21.9451



35.3765, 43.5767, 82.0018



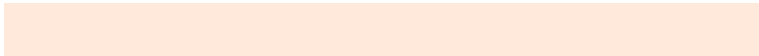
45.0471, 43.5767, 87.5748

Sweetspot

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



48.1128, 43.5788, 24.2886



83.1769, 84.6125, 79.1731



47.7693, 33.9027, 51.8864



17.4462, 17.6409, 16.0735



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.



48.1128, 43.5788, 24.2886



57.9227, 49.9281, 21.9719



58.9856, 65.3244, 27.9128



14.8248, 15.2635, 15.0693



20.5427, 13.6596, 1.5538



1.6055, 1.1843, 0.1440

Inverse Universe

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



39.6606, 45.2222, 79.3112



45.5494, 52.2615, 102.2945



30.6956, 27.2924, 76.3229



14.3221, 15.3655, 18.3553



13.7152, 14.4926, 44.4576



1.1025, 1.2490, 3.3149

Previews

White Background



This preview shows how the XYZ color 48.1117, 43.5767, 24.2877 looks on a white background.

Color Contrast Check

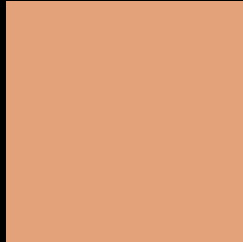
Large Text (above 18pt) WCAG AA × Fail

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 48.1117, 43.5767, 24.2877 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

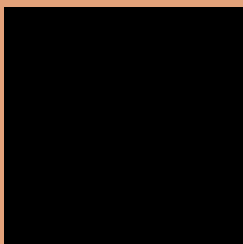
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 48.1117, 43.5767, 24.2877

Background



This preview shows how black text looks on a background with the XYZ color 48.1117, 43.5767, 24.2877.



This preview shows how white text looks on a background with the XYZ color 48.1117, 43.5767,

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

48.1117, 43.5767, 24.2877

Protanopia

40.8536, 43.9499, 26.7520

Deuteranopia

44.5031, 43.6053, 24.1603



Tritanopia

51.9113, 43.5930, 42.7241

Trichromacy



Original Color

48.1117, 43.5767, 24.2877

Protanomaly

43.1470, 43.7079, 25.9010

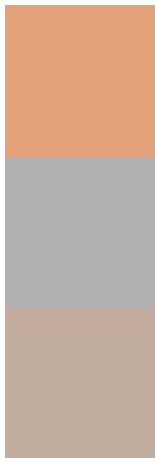
Deuteranomaly

45.7027, 43.4046, 24.0583

Tritanomaly

50.4459, 43.5111, 35.0178

Monochromacy



Original Color

48.1117, 43.5767, 24.2877

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

43.3440, 43.5415, 38.0182

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.1117, 43.5767, 24.2877 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(227, 162, 122)` looks like.

```
.text, #text, p{  
    color:rgb(227, 162, 122)  
}
```

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(227, 162, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 162, 122) }
```

Border

The CSS property to change the border of an element to XYZ 48.1117, 43.5767, 24.2877 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(227, 162, 122) }
```


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

```
.border{ border-color:rgb(227, 162, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 162, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 162, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 162, 122);  
box-shadow:4px 4px 4px 4px rgb(227, 162,  
122) }
```

Background

The CSS property to change the background color of an element to XYZ 48.1117, 43.5767, 24.2877 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 162, 122) }
```

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

```
.background{ background-color: rgb(227,  
162, 122) }
```

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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