

Converting Colors

XYZ(51.5327, 46.5484, 25.4508)

Have a look what the booklet for
XYZ(51.5327, 46.5484, 25.4508)
contains.

XYZ(51.7178, 46.7548, 25.3675)	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(51.7178, 46.7548,
25.3675)**

Conversions

Conversions Part 1

Format	Color
Hex	EBA77C
RGB	235, 167, 124
RGB Percent	92%, 65%, 49%
CMY	0.0784, 0.3451, 0.5137
CMYK	0.00, 0.29, 0.47, 0.08
HSL	23°, 74%, 70%
HSV	23°, 47%, 92%
XYZ	51.7178, 46.7548, 25.3675
YIQ	182.4300, 54.3310, 1.0430

Conversions

Conversions Part 2

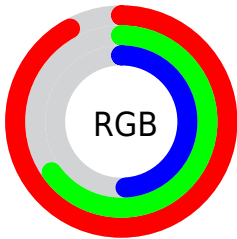
Format	Color
R_{YB}	235, 194, 124
Decimal	15443836
CIE _{Lab}	74.03, 20.13, 32.16
CIE _{LCh}	74, 37.941, 57.964
Yxy	46.7548, 0.4176, 0.3775
Android (android.graphics.Color)	4293633916 (0xFFEBA77C)
YUV	182.4300, -28.8060, 46.1039
Hunter-Lab	68.3775, 15.3492, 25.8681

Details

The XYZ color **51.7178, 46.7548, 25.3675** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **42.1564, 47.9806, 85.6366**, and the grayscale version is **44.8305, 47.1652, 51.3629**.

A 20% lighter version of the original color is **75.2971, 76.6769, 52.4265**, and **25.4982, 22.1030, 9.4010** is the 20% darker color. If you saturate the color by 10%, you get **47.9132, 41.2472, 17.6205**, and if you desaturate by 10%, it is **56.1725, 52.9957, 35.0791**.

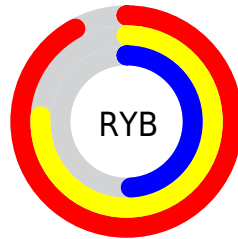
Distribution



Red (92%)

Green (65%)

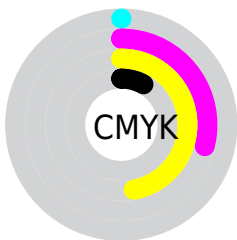
Blue (49%)



Red (92%)

Yellow (76%)

Blue (49%)

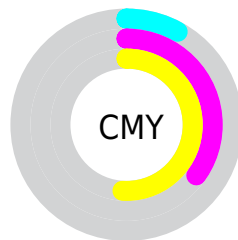


Cyan (0%)

Magenta (29%)

Yellow (47%)

Black (8%)



Cyan (8%)

Magenta (35%)

Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.7178, 46.7548, 25.3675 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 51.7178, 46.7548, 25.3675 by changing the saturation by 10% instead.


 51.7178, 46.7548,
25.3675


 51.7178, 46.7548,
25.3675


383.6881,
373.8349, 293.1692

 37.0035, 32.8419,
16.1296


 91.8916, 85.3475,
53.2243

 25.3839, 22.0053,
9.4605


 118.0819,
110.7960, 72.6802

 16.4936, 13.8608,
4.9419


 148.8282,
140.8586, 96.3792

 9.9671, 8.0239,
2.1551

184.4959,
175.9195, 124.7398

 5.4393, 4.1103,
0.6483

225.4504,
216.3632, 158.1806

 2.5446, 1.7354,
0.0000

272.0571,

 0.9178, 0.4464,

262.5741, 197.1201

0.0000

324.6811,
314.9365, 241.9768

■ 0.0000, 0.0000,
0.0000

■ 51.7178, 46.7548,
25.3675

■ 51.7178, 46.7548,
25.3675

■ 47.9132, 41.2472,
17.6205

■ 56.1725, 52.9957,
35.0791

■ 44.7200, 36.4368,
11.6975

■ 61.3059, 59.9907,
46.8770

■ 42.1003, 32.2941,
7.4434

■ 67.1490, 67.7678,
60.8761

■ 40.0094, 28.7840,
4.6755

■ 73.7298, 76.3517,
77.1821

■ 38.3914, 25.8661,
3.1559

■ 81.0746, 85.7659,
95.8938

■ 38.0060, 25.1524,
2.8517

■ 87.5557, 95.3716,
108.4016

■ 88.0710, 96.4022,
108.5734

Harmonies

Analogous

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



56.9741, 46.7548, 35.3334



51.7178, 46.7548, 25.3675



44.9037, 46.7548, 21.9731

Triad

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



51.7178, 46.7548, 25.3675



32.6443, 46.7548, 49.5934



50.8355, 46.7548, 91.5085

Complementary

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



51.7178, 46.7548, 25.3675



42.1564, 47.9806, 85.6366

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.



43.9776, 46.7548, 98.0679



51.7178, 46.7548, 25.3675



33.8922, 46.7548, 70.4952

Square

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



51.7178, 46.7548, 25.3675



34.2802, 46.7548, 33.5632



37.8774, 46.7548, 89.5620



56.4294, 46.7548, 73.3874

Rectangle

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



51.7178, 46.7548, 25.3675



40.5390, 46.7548, 23.0151



37.8774, 46.7548, 89.5620



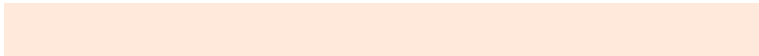
48.5815, 46.7548, 95.3132

Sweetspot

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



51.7190, 46.7571, 25.3684



83.2418, 84.7425, 79.1947



51.0332, 35.9036, 54.3717



17.4619, 17.6724, 16.0788



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.



51.7190, 46.7571, 25.3684



57.6650, 49.6373, 21.1938



64.0337, 71.3867, 29.4733



15.5440, 16.0110, 15.7899



21.2670, 14.2283, 1.6254



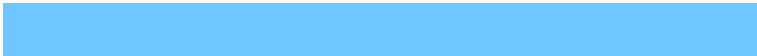
1.7608, 1.2990, 0.1579

Inverse Universe

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



42.1564, 47.9806, 85.6366



44.7883, 51.2153, 102.1327



32.2465, 28.1608, 82.3333



14.9993, 16.0851, 19.2364



14.0197, 14.6864, 45.8388



1.1937, 1.3389, 3.6304

Previews

White Background



This preview shows how the XYZ color 51.7178, 46.7548, 25.3675 looks on a white background.

Color Contrast Check

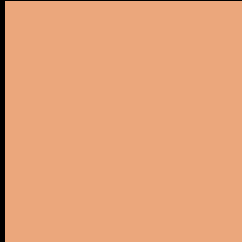
Large Text (above 18pt) WCAG AA × Fail

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 51.7178, 46.7548, 25.3675 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

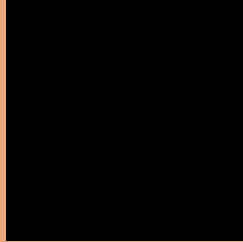
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.7178, 46.7548, 25.3675

Background



This preview shows how black text looks on a background with the XYZ color 51.7178, 46.7548, 25.3675.



This preview shows how white text looks on a background with the XYZ color 51.7178, 46.7548,

25.3675.

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

51.7178, 46.7548, 25.3675

Protanopia

43.5222, 46.8034, 27.8592

Deuteranopia

47.6246, 46.6076, 25.2250



Tritanopia

55.8843, 46.8576, 45.6342

Trichromacy



Original Color

51.7178, 46.7548, 25.3675

Protanomaly

46.1968, 46.7044, 27.0021

Deuteranomaly

48.8785, 46.4032, 25.1194

Tritanomaly

54.2735, 46.7381, 37.1712

Monochromacy



Original Color

51.7178, 46.7548, 25.3675

Achromatopsia

44.4628, 46.7784, 50.9417

Achromatomaly

46.2426, 46.4350, 40.2438

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.7178, 46.7548, 25.3675 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(235, 167, 124)` looks like.

```
.text, #text, p{  
    color:rgb(235, 167, 124)  
}
```

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(235, 167, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 167, 124) }
```

Border

The CSS property to change the border of an element to XYZ 51.7178, 46.7548, 25.3675 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(235, 167, 124) }
```


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

```
.border{ border-color:rgb(235, 167, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 167, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 167, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 167, 124);  
box-shadow:4px 4px 4px 4px rgb(235, 167,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 51.7178, 46.7548, 25.3675 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 167, 124) }
```

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

```
.background{ background-color: rgb(235,  
167, 124) }
```

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