

# Converting Colors

XYZ(51.5280, 47.7127, 25.8790)

Have a look what the booklet for  
XYZ(51.5280, 47.7127, 25.8790)  
contains.

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# Color

**XYZ(51.5433, 47.7623,  
25.9045)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E8AB7D
RGB	232, 171, 125
RGB Percent	91%, 67%, 49%
CMY	0.0902, 0.3294, 0.5098
CMYK	0.00, 0.26, 0.46, 0.09
HSL	26°, 70%, 70%
HSV	26°, 46%, 91%
XYZ	51.5433, 47.7623, 25.9045
YIQ	183.9950, 51.1220, -1.3740

# Conversions

## Conversions Part 2

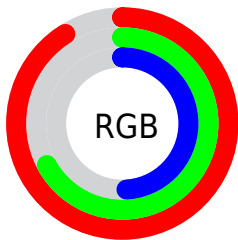
Format	Color
R <sub>Y</sub> B	232, 206, 125
Decimal	15248253
CIE Lab	74.67, 16.90, 32.41
CIE LCh	75, 36.549, 62.461
Yxy	47.7623, 0.4117, 0.3815
Android (android.graphics.Color)	4293438333 (0xFFE8AB7D)
YUV	183.9950, -29.0845, 42.1004
Hunter-Lab	69.1103, 12.1845, 26.1536

# Details

The XYZ color **51.5433, 47.7623, 25.9045** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **40.5811, 45.3022, 82.9491**, and the grayscale version is **45.6941, 48.0737, 52.3523**.

A 20% lighter version of the original color is **76.4722, 78.8671, 53.3118**, and **25.3224, 22.7003, 9.7036** is the 20% darker color. If you saturate the color by 10%, you get **47.8566, 42.4902, 18.1980**, and if you desaturate by 10%, it is **55.8285, 53.6774, 35.5191**.

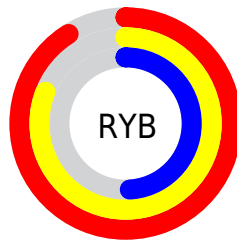
# Distribution



Red (91%)

Green (67%)

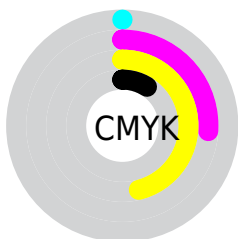
Blue (49%)



Red (91%)

Yellow (81%)

Blue (49%)

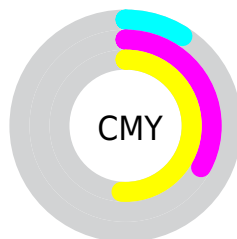


Cyan (0%)

Magenta (26%)

Yellow (46%)

Black (9%)



Cyan (9%)

Magenta (33%)


Yellow (51%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 51.5433, 47.7623, 25.9045 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 51.5433, 47.7623, 25.9045 by changing the saturation by 10% instead.





 51.5433, 47.7623,  
25.9045


 51.5433, 47.7623,  
25.9045


383.0239,  
377.8492, 295.9035

 36.8640, 33.6387,  
16.5271

 91.6356, 86.8504,  
54.1030

 25.2754, 22.6162,  
9.7395


 117.7792,  
112.5837, 73.7612

 16.4122, 14.3103,  
5.1233


 148.4751,  
142.9556, 97.6834

 9.9090, 8.3368,  
2.2598

184.0884,  
178.3506, 126.2882

 5.4004, 4.3112,  
0.7085

224.9846,  
219.1531, 159.9940

 2.5212, 1.8491,  
0.0000

271.5290,

 0.9060, 0.5175,

265.7474, 199.2195

0.0000

324.0870,  
318.5179, 244.3832

■ 0.0000, 0.0000,  
0.0000

■ 51.5433, 47.7623,  
25.9045

■ 51.5433, 47.7623,  
25.9045

■ 47.8566, 42.4902,  
18.1980

■ 55.8285, 53.6774,  
35.5191

■ 44.7332, 37.8299,  
12.2656

■ 60.7377, 60.2514,  
47.1576

■ 42.1387, 33.7571,  
7.9600

■ 66.2991, 67.5082,  
60.9300

■ 40.0330, 30.2430,  
5.1084

■ 72.5380, 75.4683,  
76.9374

■ 38.3674, 27.2544,  
3.4969

■ 79.4783, 84.1511,  
95.2742

■ 37.8118, 26.2221,  
3.0685

■ 85.6251, 92.9686,  
108.0396

■ 87.0886, 95.8958,  
108.5274

# Harmonies

## Analogous

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



57.0127, 47.7623, 34.7821



51.5433, 47.7623, 25.9045



44.8520, 47.7623, 23.4132

# Triad

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



51.5433, 47.7623, 25.9045



33.8244, 47.7623, 53.5870



52.5811, 47.7623, 89.2503

# Complementary

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



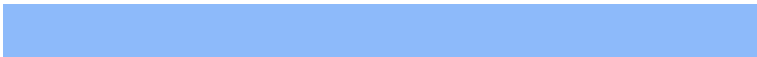
51.5433, 47.7623, 25.9045



40.5811, 45.3022, 82.9491

# 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.



45.9457, 47.7623, 97.6198



51.5433, 47.7623, 25.9045



35.4763, 47.7623, 74.1409

# Square

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



51.5433, 47.7623, 25.9045



35.0144, 47.7623, 36.8983



39.7592, 47.7623, 91.5143



57.6517, 47.7623, 70.7575



# Rectangle

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



51.5433, 47.7623, 25.9045



40.7026, 47.7623, 25.0558



39.7592, 47.7623, 91.5143



50.4383, 47.7623, 93.5193

# Sweetspot

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



51.5445, 47.7646, 25.9054



83.6738, 85.6064, 79.3387



49.6269, 35.4292, 51.4712



17.5667, 17.8819, 16.1137



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.



51.5445, 47.7646, 25.9054



59.6601, 53.1719, 23.2631



63.3903, 71.4563, 29.8541



14.8840, 15.3819, 15.0890



21.1113, 14.7967, 1.7434



1.6508, 1.2749, 0.1591



# Inverse Universe

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



40.5811, 45.3022, 82.9491



44.5351, 49.7433, 101.8619



31.5370, 27.2139, 79.9344



14.2614, 15.2442, 18.3351



12.8133, 12.6887, 44.1570



1.0387, 1.1213, 3.2937



# Previews

## White Background



This preview shows how the XYZ color 51.5433, 47.7623, 25.9045 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

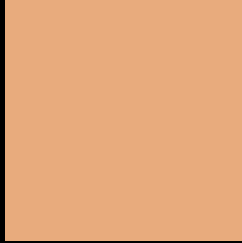
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 51.5433, 47.7623, 25.9045 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

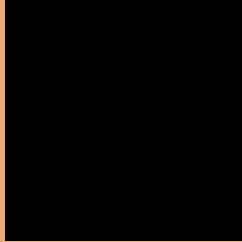
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# XYZ 51.5433, 47.7623, 25.9045

## Background



This preview shows how black text looks on a background with the XYZ color 51.5433, 47.7623, 25.9045.



This preview shows how white text looks on a background with the XYZ color 51.5433, 47.7623,

25.9045.

# 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

51.5433, 47.7623, 25.9045

### Protanopia

44.4585, 47.8985, 28.0212

### Deuteranopia

48.6786, 47.7215, 25.7143



## Tritanopia

56.1363, 47.7298, 47.8490

# Trichromacy



## Original Color

51.5433, 47.7623, 25.9045

## Protanomaly

46.5947, 47.5004, 27.1348

## Deuteranomaly

49.5146, 47.5746, 25.6419

## Tritanomaly

54.2512, 47.7682, 38.7086

# Monochromacy



## Original Color

51.5433, 47.7623, 25.9045

## Achromatopsia

45.5594, 47.9320, 52.1980

## Achromatomaly

46.8184, 47.3021, 41.3129

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 51.5433, 47.7623, 25.9045 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(232, 171, 125)` looks like.

```
.text, #text, p{  
    color:rgb(232, 171, 125)  
}
```

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(232, 171, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 171, 125) }
```

## Border

The CSS property to change the border of an element to XYZ 51.5433, 47.7623, 25.9045 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(232, 171, 125) }
```



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

```
.border{ border-color:rgb(232, 171, 125) }
```

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

Here you see how a box with a 4 pixel rgb(232, 171, 125) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 171, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 171, 125);  
box-shadow:4px 4px 4px 4px rgb(232, 171,  
125) }
```

# Background

The CSS property to change the background color of an element to XYZ 51.5433, 47.7623, 25.9045 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 171, 125) }
```

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

```
.background{ background-color: rgb(232,  
171, 125) }
```

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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