

# Converting Colors

XYZ(54.3203, 49.3342, 26.0467)

Have a look what the booklet for  
XYZ(54.3203, 49.3342, 26.0467)  
contains.

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# Color

**XYZ(54.3894, 49.5110,  
26.0920)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F0AC7D
RGB	240, 172, 125
RGB Percent	94%, 67%, 49%
CMY	0.0588, 0.3255, 0.5098
CMYK	0.00, 0.28, 0.48, 0.06
HSL	25°, 79%, 72%
HSV	25°, 48%, 94%
XYZ	54.3894, 49.5110, 26.0920
YIQ	186.9740, 55.6150, -0.2010

# Conversions

## Conversions Part 2

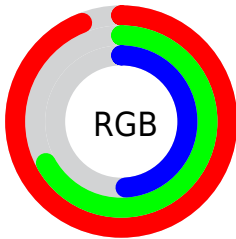
Format	Color
R <sub>Y</sub> B	240, 204, 125
Decimal	15772797
CIE Lab	75.77, 19.56, 33.99
CIE LCh	76, 39.219, 60.089
Yxy	49.5110, 0.4184, 0.3809
Android (android.graphics.Color)	4293962877 (0xFFF0AC7D)
YUV	186.9740, -30.5532, 46.5038
Hunter-Lab	70.3641, 14.8383, 27.2693

# Details

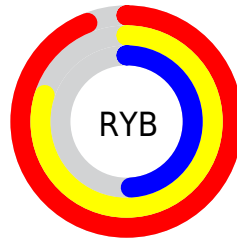
The XYZ color **54.3894, 49.5110, 26.0920** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **43.2547, 48.7891, 89.5754**, and the grayscale version is **47.3655, 49.8322, 54.2672**.

A 20% lighter version of the original color is **77.0193, 79.9612, 53.4942**, and **27.0425, 23.7647, 9.8184** is the 20% darker color. If you saturate the color by 10%, you get **50.4797, 43.8559, 18.1168**, and if you desaturate by 10%, it is **58.9604, 55.8959, 36.1159**.

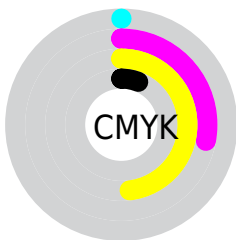
# Distribution



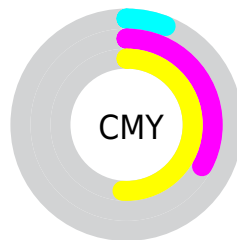
- Red (94%)
- Green (67%)
- Blue (49%)



- Red (94%)
- Yellow (80%)
- Blue (49%)



- Cyan (0%)
- Magenta (28%)
- Yellow (48%)
- Black (6%)




- Cyan (6%)
- Magenta (33%)
- Yellow (51%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 54.3894, 49.5110, 26.0920 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 54.3894, 49.5110, 26.0920 by changing the saturation by 10% instead.





 54.3894, 49.5110,  
26.0920


 54.3894, 49.5110,  
26.0920


393.7673,  
384.7506, 296.8532

 39.1450, 35.0250,  
16.6661

 95.7993, 89.4499,  
54.4092

 27.0538, 23.6821,  
9.8373


 122.6955,  
115.6717, 74.1376

 17.7504, 15.0980,  
5.1870


 154.2063,  
146.5741, 98.1373

 10.8695, 8.8882,  
2.2967

190.6971,  
182.5416, 126.8267

 6.0458, 4.6683,  
0.7294

232.5333,  
223.9586, 160.6245

 2.9139, 2.0540,  
0.0000

280.0801,

 1.1084, 0.6386,

271.2095, 199.9492

0.0000

333.7030,  
324.6787, 245.2192

■ 0.0321, 0.0000,  
0.0000

■ 0.0000, 0.0000,  
0.0000

■ 54.3894, 49.5110,  
26.0920

■ 54.3894, 49.5110,  
26.0920

■ 50.4797, 43.8559,  
18.1168

■ 58.9604, 55.8959,  
36.1159

■ 47.1914, 38.8945,  
12.0416

■ 64.2220, 63.0303,  
48.3172

■ 44.4855, 34.5979,  
7.7018

■ 70.2062, 70.9422,  
62.8173

■ 42.3157, 30.9315,  
4.9026

■ 76.9413, 79.6555,  
79.7276

■ 40.6216, 27.8544,  
3.3791

■ 84.4545, 89.1934,  
99.1523

■ 40.3120, 27.2790,  
3.1407

■ 89.7451, 97.2652,  
108.6517

# Harmonies

## Analogous

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



60.2388, 49.5110, 36.2052



54.3894, 49.5110, 26.0920



47.0369, 49.5110, 22.9369

# Triad

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



54.3894, 49.5110, 26.0920



34.4032, 49.5110, 53.9715



54.4310, 49.5110, 96.5660

# Complementary

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



54.3894, 49.5110, 26.0920



43.2547, 48.7891, 89.5754

# 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.



47.0805, 49.5110, 104.7546



54.3894, 49.5110, 26.0920



35.9567, 49.5110, 76.6080

# Square

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



54.3894, 49.5110, 26.0920



35.9385, 49.5110, 36.2882



40.4182, 49.5110, 96.6580



60.2644, 49.5110, 76.4716



# Rectangle

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



54.3894, 49.5110, 26.0920



42.4127, 49.5110, 24.3444



40.4182, 49.5110, 96.6580



52.0322, 49.5110, 101.0025

# Sweetspot

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



54.3906, 49.5134, 26.0930



83.4578, 85.1745, 79.2667



53.0066, 37.0880, 55.4042



17.5143, 17.7771, 16.0962



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.



54.3906, 49.5134, 26.0930



58.2347, 50.7767, 21.3837



67.5180, 75.7682, 30.4688



16.3033, 16.8198, 16.5370



22.1906, 15.1793, 1.7603



1.9415, 1.4537, 0.1783



# Inverse Universe

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



43.2547, 48.7891, 89.5754



44.0843, 49.8074, 101.8980



33.0608, 28.4013, 86.1774



15.6742, 16.7825, 20.1348



14.0311, 14.2865, 47.1459



1.2648, 1.3837, 3.9546



# Previews

## White Background



This preview shows how the XYZ color 54.3894, 49.5110, 26.0920 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

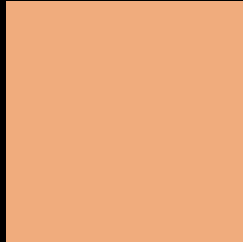
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 54.3894, 49.5110, 26.0920 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

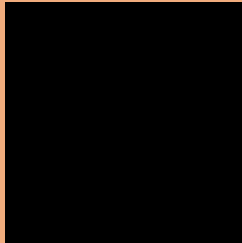
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**XYZ 54.3894, 49.5110, 26.0920**

## **Background**



This preview shows how black text looks on a background with the XYZ color 54.3894, 49.5110, 26.0920.



This preview shows how white text looks on a background with the XYZ color 54.3894, 49.5110,



# 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

54.3894, 49.5110, 26.0920

### Protanopia

46.2242, 49.7359, 28.6364

### Deuteranopia

50.8095, 49.7030, 25.9845



## Tritanopia

59.1472, 49.5371, 48.5637

# Trichromacy



**Original Color**

54.3894, 49.5110, 26.0920

**Protanomaly**

49.0093, 49.6398, 27.7673

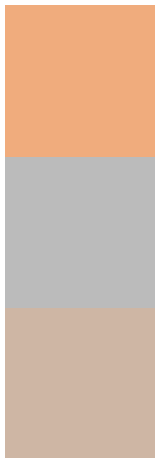
**Deuteranomaly**

51.7966, 49.3289, 25.8602

**Tritanomaly**

57.2228, 49.5632, 39.3516

# Monochromacy



**Original Color**

54.3894, 49.5110, 26.0920

**Achromatopsia**

47.2335, 49.6933, 54.1160

**Achromatomaly**

48.8824, 49.2580, 42.0533

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 54.3894, 49.5110, 26.0920 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(240, 172, 125)` looks like.

```
.text, #text, p{  
    color:rgb(240, 172, 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(240, 172, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 172, 125) }
```

## Border

The CSS property to change the border of an element to XYZ 54.3894, 49.5110, 26.0920 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(240, 172, 125) }
```



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

```
.border{ border-color:rgb(240, 172, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 172, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 172, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 172, 125);  
box-shadow:4px 4px 4px 4px rgb(240, 172,  
125) }
```

# Background

The CSS property to change the background color of an element to XYZ 54.3894, 49.5110, 26.0920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 172, 125) }
```

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

```
.background{ background-color: rgb(240,  
172, 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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