

Converting Colors

XYZ(54.5410, 49.8745, 30.6253)

Have a look what the booklet for
XYZ(54.5410, 49.8745, 30.6253)
contains.

XYZ(54.4561, 49.7266, 30.7728)	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(54.4561, 49.7266,
30.7728)**

Conversions

Conversions Part 1

Format	Color
Hex	EDAD8A
RGB	237, 173, 138
RGB Percent	93%, 68%, 54%
CMY	0.0706, 0.3215, 0.4588
CMYK	0.00, 0.27, 0.42, 0.07
HSL	21°, 73%, 74%
HSV	21°, 42%, 93%
XYZ	54.4561, 49.7266, 30.7728
YIQ	188.1460, 49.3790, 2.6830

Conversions

Conversions Part 2

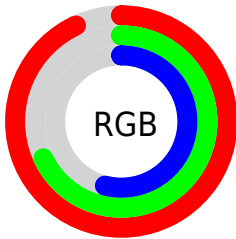
Format	Color
R_{YB}	237, 192, 138
Decimal	15576458
CIE Lab	75.90, 19.15, 27.20
CIE LCh	76, 33.267, 54.849
Yxy	49.7266, 0.4035, 0.3685
Android (android.graphics.Color)	4293766538 (0xFFEDAD8A)
YUV	188.1460, -24.7220, 42.8450
Hunter-Lab	70.5171, 14.4399, 23.4885

Details

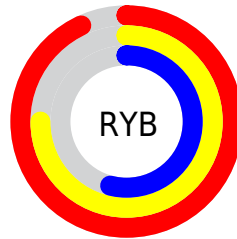
The XYZ color **54.4561, 49.7266, 30.7728** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **46.8871, 53.7569, 88.0257**, and the grayscale version is **48.0005, 50.5002, 54.9947**.

A 20% lighter version of the original color is **78.7737, 81.1044, 61.3721**, and **27.0683, 23.7212, 12.3845** is the 20% darker color. If you saturate the color by 10%, you get **50.1529, 43.5730, 21.7768**, and if you desaturate by 10%, it is **59.4731, 56.7085, 41.8547**.

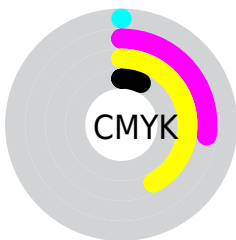
Distribution



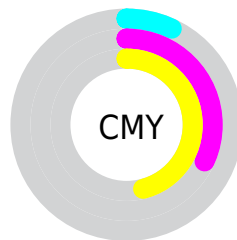
- Red (93%)
- Green (68%)
- Blue (54%)



- Red (93%)
- Yellow (75%)
- Blue (54%)



- Cyan (0%)
- Magenta (27%)
- Yellow (42%)
- Black (7%)




- Cyan (7%)
- Magenta (32%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.4561, 49.7266, 30.7728 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 54.4561, 49.7266, 30.7728 by changing the saturation by 10% instead.


 54.4561, 49.7266,
30.7728


 54.4561, 49.7266,
30.7728


394.0169,
385.5958, 319.8090


 39.1985, 35.1962,
20.1689

 95.8966, 89.7697,
61.9576

 27.0956, 23.8141,
12.3326


 122.8102,
116.0511, 83.3755

 17.7820, 15.1957,
6.8453


 154.3399,
147.0184, 109.2352

 10.8923, 8.9569,
3.2886

190.8510,
183.0559, 139.9552

 6.0612, 4.7131,
1.2438

232.7089,
224.5480, 175.9540

 2.9234, 2.0799,
0.0151

280.2790,

 1.1134, 0.6533,

271.8791, 217.6502

0.0000

333.9265,
325.4335, 265.4624

■ 0.0363, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.4561, 49.7266,
30.7728

■ 54.4561, 49.7266,
30.7728

■ 50.1529, 43.5730,
21.7768

■ 59.4731, 56.7085,
41.8547

■ 46.5238, 38.2081,
14.7305

■ 65.2333, 64.5420,
55.1412

■ 43.5305, 33.5992,
9.4857

■ 71.7690, 73.2584,
70.7452

■ 41.1288, 29.7084,
5.8715

■ 79.1091, 82.8851,
88.7712

■ 39.2669, 26.4933,
3.6829

■ 87.0384, 93.3512,
108.0389

■ 38.0799, 24.3141,
2.6861

■ 88.7351, 96.7445,
108.6045

Harmonies

Analogous

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



58.9132, 49.7266, 41.0400



54.4561, 49.7266, 30.7728



48.3408, 49.7266, 26.7859

Triad

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



54.4561, 49.7266, 30.7728



36.3683, 49.7266, 51.1395



52.4463, 49.7266, 91.3592

Complementary

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



54.4561, 49.7266, 30.7728



46.8871, 53.7569, 88.0257

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.



46.2026, 49.7266, 95.7062



54.4561, 49.7266, 30.7728



37.2609, 49.7266, 69.7764

Square

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



54.4561, 49.7266, 30.7728



38.1807, 49.7266, 36.7874



40.7341, 49.7266, 87.0882



57.6837, 49.7266, 76.2468

Rectangle

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



54.4561, 49.7266, 30.7728



44.2772, 49.7266, 27.4171



40.7341, 49.7266, 87.0882



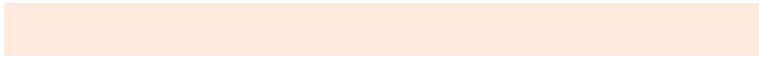
50.3814, 49.7266, 94.2500

Sweetspot

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



54.4574, 49.7290, 30.7738



83.7056, 85.1277, 81.0214



54.7160, 40.4628, 61.0213



17.5389, 17.7196, 16.4333



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.



54.4574, 49.7290, 30.7738



59.9670, 52.5325, 27.2291



65.6739, 72.1620, 34.5126



15.5012, 15.9254, 15.7756



20.9021, 13.4985, 1.5038



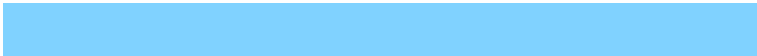
1.7290, 1.2354, 0.1473

Inverse Universe

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



46.8871, 53.7569, 88.0257



49.9034, 57.8232, 103.1385



37.1345, 34.2517, 84.7749



15.0436, 16.1736, 19.2512



14.7108, 16.0686, 46.0692



1.2451, 1.4417, 3.6475

Previews

White Background



This preview shows how the XYZ color 54.4561, 49.7266, 30.7728 looks on a white background.

Color Contrast Check

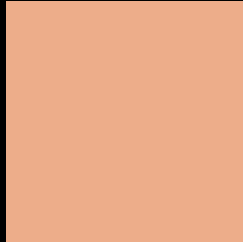
Large Text (above 18pt) WCAG AA × Fail

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 54.4561, 49.7266, 30.7728 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

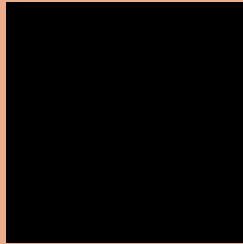
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.4561, 49.7266, 30.7728

Background



This preview shows how black text looks on a background with the XYZ color 54.4561, 49.7266, 30.7728.



This preview shows how white text looks on a background with the XYZ color 54.4561, 49.7266,

30.7728.

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

54.4561, 49.7266, 30.7728

Protanopia

46.6238, 49.8336, 33.5471

Deuteranopia

50.9608, 49.9783, 30.6278



Tritanopia

58.3326, 49.6335, 49.6858

Trichromacy



Original Color

54.4561, 49.7266, 30.7728

Protanomaly

49.0510, 49.5550, 32.5710

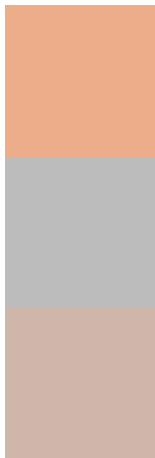
Deuteranomaly

51.9161, 49.5813, 30.5008

Tritanomaly

56.9147, 49.6178, 42.1748

Monochromacy



Original Color

54.4561, 49.7266, 30.7728

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

49.6428, 49.8911, 45.0437

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.4561, 49.7266, 30.7728 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(237, 173, 138)` looks like.

```
.text, #text, p{  
    color:rgb(237, 173, 138)  
}
```

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(237, 173, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 173, 138) }
```

Border

The CSS property to change the border of an element to XYZ 54.4561, 49.7266, 30.7728 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(237, 173, 138) }
```


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

```
.border{ border-color:rgb(237, 173, 138) }
```

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

Here you see how a box with a 4 pixel rgb(237, 173, 138) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 173, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 173, 138);  
box-shadow:4px 4px 4px 4px rgb(237, 173,  
138) }
```

Background

The CSS property to change the background color of an element to XYZ 54.4561, 49.7266, 30.7728 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 173, 138) }
```

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

```
.background{ background-color: rgb(237,  
173, 138) }
```

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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