

Converting Colors

XYZ(54.6975, 49.5905, 31.3209)

Have a look what the booklet for
XYZ(54.6975, 49.5905, 31.3209)
contains.

XYZ(54.7460, 49.5756, 31.4946)	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(54.7460, 49.5756,
31.4946)**

Conversions

Conversions Part 1

Format	Color
Hex	EEAC8C
RGB	238, 172, 140
RGB Percent	93%, 67%, 55%
CMY	0.0667, 0.3255, 0.4510
CMYK	0.00, 0.28, 0.41, 0.07
HSL	20°, 74%, 74%
HSV	20°, 41%, 93%
XYZ	54.7460, 49.5756, 31.4946
YIQ	188.0860, 49.6080, 4.0400

Conversions

Conversions Part 2

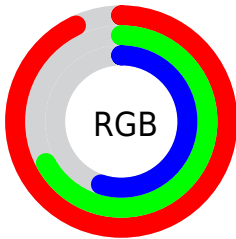
Format	Color
R _Y B	238, 188, 140
Decimal	15641740
CIE Lab	75.81, 20.29, 26.02
CIE LCh	76, 32.997, 52.055
Yxy	49.5756, 0.4031, 0.3650
Android (android.graphics.Color)	4293831820 (0xFFEEAC8C)
YUV	188.0860, -23.7064, 43.7746
Hunter-Lab	70.4099, 15.5721, 22.7663

Details

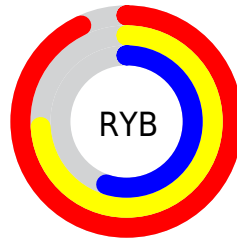
The XYZ color **54.7460, 49.5756, 31.4946** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **48.3182, 55.8889, 89.1297**, and the grayscale version is **47.9606, 50.4583, 54.9491**.

A 20% lighter version of the original color is **78.7210, 80.6418, 62.4553**, and **27.2647, 23.6351, 12.7979** is the 20% darker color. If you saturate the color by 10%, you get **50.3089, 43.2126, 22.2739**, and if you desaturate by 10%, it is **59.9331, 56.8310, 42.8387**.

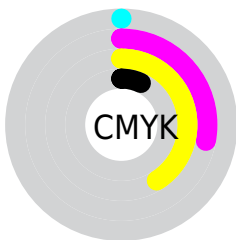
Distribution



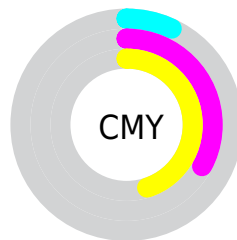
- Red (93%)
- Green (67%)
- Blue (55%)



- Red (93%)
- Yellow (74%)
- Blue (55%)



- Cyan (0%)
- Magenta (28%)
- Yellow (41%)
- Black (7%)





- Cyan (7%)
- Magenta (33%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.7460, 49.5756, 31.4946 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 54.7460, 49.5756, 31.4946 by changing the saturation by 10% instead.


 54.7460, 49.5756,
31.4946

 54.7460, 49.5756,
31.4946


395.1005,
385.0040, 323.2320


 39.4314, 35.0763,
20.7141


 96.3192, 89.5457,
63.1066

 27.2778, 23.7217,
12.7260


 123.3085,
115.7854, 84.7752

 17.9196, 15.1273,
7.1116

 154.9202,
146.7073, 110.9104

 10.9916, 8.9088,
3.4525

191.5195,
182.6958, 141.9305

 6.1285, 4.6817,
1.3301

233.4718,
224.1353, 178.2542

 2.9647, 2.0618,
0.0863

281.1425,

 1.1351, 0.6430,

271.4102, 220.3000

0.0000

334.8970,
324.9050, 268.4864

■ 0.0542, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.7460, 49.5756,
31.4946

■ 54.7460, 49.5756,
31.4946

■ 50.3089, 43.2126,
22.2739

■ 59.9331, 56.8310,
42.8387

■ 46.5802, 37.6989,
15.0391

■ 65.9013, 65.0054,
56.4260

■ 43.5198, 32.9982,
9.6411

■ 72.6844, 74.1331,
72.3705

■ 41.0814, 29.0684,
5.9082

■ 80.3130, 84.2443,
90.7778

■ 39.2111, 25.8630,
3.6350

■ 88.1650, 95.1076,
108.3185

■ 37.9648, 23.5871,
2.5518

■ 89.0698, 96.9171,
108.6201

Harmonies

Analogous

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



58.9107, 49.5756, 42.2697



54.7460, 49.5756, 31.4946



48.7681, 49.5756, 26.9735

Triad

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



54.7460, 49.5756, 31.4946



36.3837, 49.5756, 49.4467



51.6862, 49.5756, 91.7007

Complementary

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



54.7460, 49.5756, 31.4946



48.3182, 55.8889, 89.1297

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.



45.5096, 49.5756, 94.7905



54.7460, 49.5756, 31.4946



37.0181, 49.5756, 67.6735

Square

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



54.7460, 49.5756, 31.4946



38.4226, 49.5756, 35.7690



40.2375, 49.5756, 85.2169



57.0401, 49.5756, 77.5113

Rectangle

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



54.7460, 49.5756, 31.4946



44.7009, 49.5756, 27.2392



40.2375, 49.5756, 85.2169



49.6251, 49.5756, 94.1798

Sweetspot

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



54.7473, 49.5780, 31.4956



84.2838, 85.7335, 82.9117



55.8966, 41.4371, 64.0624



17.8081, 18.0398, 17.1956



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.



54.7473, 49.5780, 31.4956



59.8085, 51.9447, 28.0108



65.5955, 71.2746, 35.1117



16.1944, 16.6018, 16.5007



21.2853, 13.3686, 1.4585



1.8580, 1.2867, 0.1504

Inverse Universe

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



48.3182, 55.8889, 89.1297



51.3591, 60.1609, 103.5130



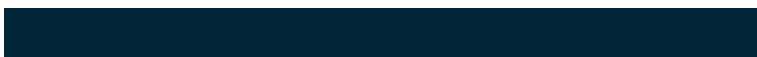
38.4695, 36.1914, 85.8468



15.7870, 17.0081, 20.1724



15.7724, 17.7690, 47.7263



1.4023, 1.6586, 4.0005

Previews

White Background



This preview shows how the XYZ color 54.7460, 49.5756, 31.4946 looks on a white background.

Color Contrast Check

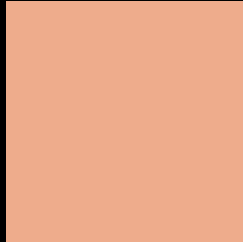
Large Text (above 18pt) WCAG AA × Fail

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 54.7460, 49.5756, 31.4946 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

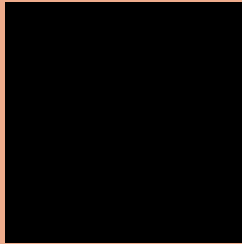
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.7460, 49.5756, 31.4946

Background



This preview shows how black text looks on a background with the XYZ color 54.7460, 49.5756, 31.4946.



This preview shows how white text looks on a background with the XYZ color 54.7460, 49.5756,

31.4946.

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

54.7460, 49.5756, 31.4946

Protanopia

46.5900, 49.7893, 34.7585

Deuteranopia

50.5991, 49.4764, 31.3091



Tritanopia

58.5733, 49.7694, 49.1671

Trichromacy



Original Color

54.7460, 49.5756, 31.4946

Protanomaly

49.2026, 49.6156, 33.3691

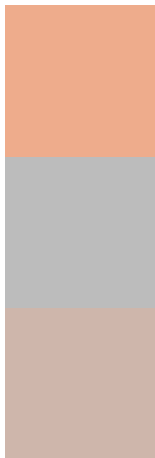
Deuteranomaly

51.8641, 49.2456, 31.1979

Tritanomaly

57.2551, 49.7933, 42.1907

Monochromacy



Original Color

54.7460, 49.5756, 31.4946

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

49.5322, 49.5180, 45.4754

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.7460, 49.5756, 31.4946 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(238, 172, 140)` looks like.

```
.text, #text, p{  
    color:rgb(238, 172, 140)  
}
```

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(238, 172, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 172, 140) }
```

Border

The CSS property to change the border of an element to XYZ 54.7460, 49.5756, 31.4946 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(238, 172, 140) }
```


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

```
.border{ border-color:rgb(238, 172, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 172, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 172, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 172, 140);  
box-shadow:4px 4px 4px 4px rgb(238, 172,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 54.7460, 49.5756, 31.4946 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 172, 140) }
```

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

```
.background{ background-color: rgb(238,  
172, 140) }
```

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