

Converting Colors

XYZ(53.4702, 47.5534, 31.2998)

Have a look what the booklet for
XYZ(53.4702, 47.5534, 31.2998)
contains.

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Color

**XYZ(53.4774, 47.5354,
31.1676)**

Conversions

Conversions Part 1

Format	Color
Hex	EDA78C
RGB	237, 167, 140
RGB Percent	93%, 65%, 55%
CMY	0.0706, 0.3451, 0.4510
CMYK	0.00, 0.30, 0.41, 0.07
HSL	17°, 73%, 74%
HSV	17°, 41%, 93%
XYZ	53.4774, 47.5354, 31.1676
YIQ	184.8520, 50.3870, 6.4430

Conversions

Conversions Part 2

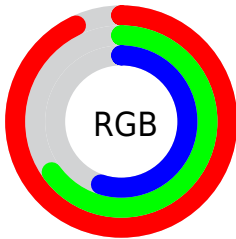
Format	Color
R _Y B	237, 177, 140
Decimal	15574924
CIE Lab	74.53, 22.56, 24.28
CIE LCh	75, 33.140, 47.107
Yxy	47.5354, 0.4046, 0.3596
Android (android.graphics.Color)	4293765004 (0xFFEDA78C)
YUV	184.8520, -22.1120, 45.7338
Hunter-Lab	68.9459, 17.7969, 21.4596

Details

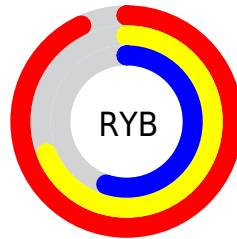
The XYZ color **53.4774, 47.5354, 31.1676** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **49.1469, 57.7808, 88.6832**, and the grayscale version is **46.1323, 48.5348, 52.8543**.

A 20% lighter version of the original color is **77.0989, 77.3976, 61.9146**, and **26.5666, 22.5834, 12.6317** is the 20% darker color. If you saturate the color by 10%, you get **48.9861, 41.0547, 21.9576**, and if you desaturate by 10%, it is **58.7619, 54.9999, 42.4997**.

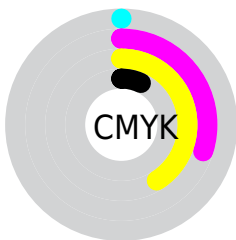
Distribution



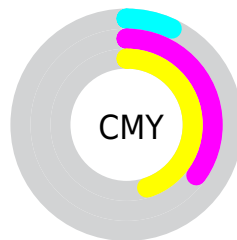
- Red (93%)
- Green (65%)
- Blue (55%)



- Red (93%)
- Yellow (69%)
- Blue (55%)



- Cyan (0%)
- Magenta (30%)
- Yellow (41%)
- Black (7%)



- Cyan (7%)
- Magenta (35%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.4774, 47.5354, 31.1676 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 53.4774, 47.5354, 31.1676 by changing the saturation by 10% instead.


 53.4774, 47.5354,
31.1676


 53.4774, 47.5354,
31.1676


390.3450,
376.9476, 321.6848


 38.4130, 33.4591,
20.4670


 94.4679, 86.5123,
62.5865

 26.4821, 22.4784,
12.5475


 121.1247,
112.1816, 84.1419

 17.3192, 14.2088,
6.9907


 152.3764,
142.4841, 110.1526

 10.5590, 8.2661,
3.3779

188.5882,
177.8042, 141.0371

 5.8363, 4.2657,
1.2907

230.1257,
218.5261, 177.2141

 2.7855, 1.8233,
0.0541

277.3541,

 1.0414, 0.5016,

265.0344, 219.1020

0.0000

330.6387,
317.7135, 267.1194

■ 0.0000, 0.0000,
0.0000

■ 53.4774, 47.5354,
31.1676

■ 53.4774, 47.5354,
31.1676

■ 48.9861, 41.0547,
21.9576

■ 58.7619, 54.9999,
42.4997

■ 45.2437, 35.5088,
14.7329

■ 64.8733, 63.4808,
56.0731

■ 42.2071, 30.8549,
9.3452

■ 71.8479, 73.0173,
72.0016

■ 39.8265, 27.0434,
5.6238

■ 79.7186, 83.6449,
90.3903

■ 38.0446, 24.0195,
3.3652

■ 87.9475, 95.1694,
108.3419

■ 36.8722, 21.8988,
2.2835

■ 88.7350, 96.7445,
108.6045

Harmonies

Analogous

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



57.1000, 47.5354, 42.6536



53.4774, 47.5354, 31.1676



47.7984, 47.5354, 25.8142

Triad

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



53.4774, 47.5354, 31.1676



34.8634, 47.5354, 44.7450



48.6523, 47.5354, 90.0926

Complementary

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



53.4774, 47.5354, 31.1676



49.1469, 57.7808, 88.6832

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.



42.6608, 47.5354, 91.0035



53.4774, 47.5354, 31.1676



35.0480, 47.5354, 62.0737

Square

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



53.4774, 47.5354, 31.1676



37.2615, 47.5354, 32.4060



37.7903, 47.5354, 79.8620



54.1499, 47.5354, 77.5950

Rectangle

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



53.4774, 47.5354, 31.1676



43.7717, 47.5354, 25.4525



37.7903, 47.5354, 79.8620



46.6202, 47.5354, 91.8479

Sweetspot

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



53.4786, 47.5377, 31.1685



83.8649, 84.8956, 82.7721



56.0780, 41.4709, 66.7650



17.7099, 17.8436, 17.1629



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.



53.4786, 47.5377, 31.1685



58.6983, 49.7244, 27.6407



63.7983, 68.1771, 34.6084



15.4068, 15.7367, 15.7442



20.2258, 12.1458, 1.2784



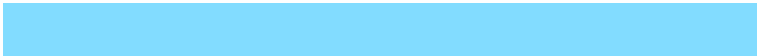
1.6668, 1.1109, 0.1266

Inverse Universe

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



49.1469, 57.7808, 88.6832



52.9128, 63.2683, 104.0309



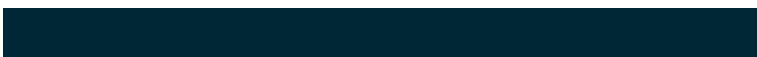
39.1339, 37.7547, 85.3455



15.1426, 16.3717, 19.2842



16.4143, 19.4756, 46.6370



1.3691, 1.6897, 3.6889

Previews

White Background



This preview shows how the XYZ color 53.4774, 47.5354, 31.1676 looks on a white background.

Color Contrast Check

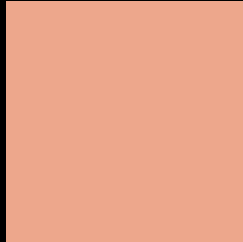
Large Text (above 18pt) WCAG AA × Fail

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 53.4774, 47.5354, 31.1676 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

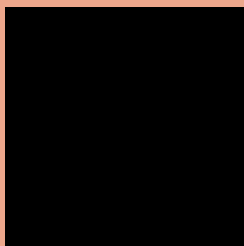
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.4774, 47.5354, 31.1676

Background



This preview shows how black text looks on a background with the XYZ color 53.4774, 47.5354, 31.1676.



This preview shows how white text looks on a background with the XYZ color 53.4774, 47.5354,

31.1676.

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

53.4774, 47.5354, 31.1676

Protanopia

44.7845, 47.6072, 34.8457

Deuteranopia

48.4317, 47.4846, 30.6576



Tritanopia

56.4955, 47.4219, 46.2201

Trichromacy



Original Color

53.4774, 47.5354, 31.1676

Protanomaly

47.4113, 47.1903, 33.3978

Deuteranomaly

50.3442, 47.5985, 30.9601

Tritanomaly

55.3937, 47.5103, 40.4333

Monochromacy



Original Color

53.4774, 47.5354, 31.1676

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

47.9837, 47.5427, 44.1838

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.4774, 47.5354, 31.1676 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, 167, 140)` looks like.

```
.text, #text, p{  
    color:rgb(237, 167, 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(237, 167, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 167, 140) }
```

Border

The CSS property to change the border of an element to XYZ 53.4774, 47.5354, 31.1676 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, 167, 140) }
```


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

```
.border{ border-color:rgb(237, 167, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 167, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 167, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 167, 140);  
box-shadow:4px 4px 4px 4px rgb(237, 167,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 53.4774, 47.5354, 31.1676 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 167, 140) }
```

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

```
.background{ background-color: rgb(237,  
167, 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](#).

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