

Converting Colors

XYZ(54.1883, 47.2198, 28.5233)

Have a look what the booklet for
XYZ(54.1883, 47.2198, 28.5233)
contains.

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Color

**XYZ(54.1270, 47.1216,
28.4329)**

Conversions

Conversions Part 1

Format	Color
Hex	F2A485
RGB	242, 164, 133
RGB Percent	95%, 64%, 52%
CMY	0.0510, 0.3568, 0.4784
CMYK	0.00, 0.32, 0.45, 0.05
HSL	17°, 81%, 74%
HSV	17°, 45%, 95%
XYZ	54.1270, 47.1216, 28.4329
YIQ	183.7880, 56.4390, 6.8950

Conversions

Conversions Part 2

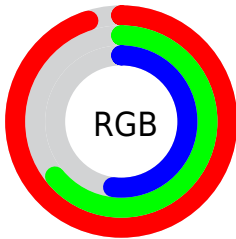
Format	Color
R _Y B	242, 176, 133
Decimal	15901829
CIE Lab	74.27, 25.36, 27.80
CIE LCh	74, 37.626, 47.631
Yxy	47.1216, 0.4174, 0.3634
Android (android.graphics.Color)	4294091909 (0xFFFF2A485)
YUV	183.7880, -25.0385, 51.0519
Hunter-Lab	68.6452, 20.6189, 23.4936

Details

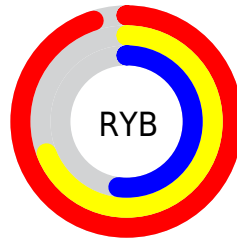
The XYZ color **54.1270, 47.1216, 28.4329** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **48.9930, 57.9833, 92.6138**, and the grayscale version is **45.5560, 47.9285, 52.1941**.

A 20% lighter version of the original color is **75.4344, 75.4682, 57.0454**, and **26.8839, 22.2802, 11.0672** is the 20% darker color. If you saturate the color by 10%, you get **49.7531, 40.7483, 19.6550**, and if you desaturate by 10%, it is **59.3104, 54.4975, 39.3816**.

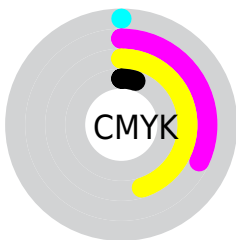
Distribution



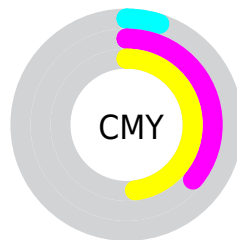
- Red (95%)
- Green (64%)
- Blue (52%)



- Red (95%)
- Yellow (69%)
- Blue (52%)



- Cyan (0%)
- Magenta (32%)
- Yellow (45%)
- Black (5%)





- Cyan (5%)
- Magenta (36%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.1270, 47.1216, 28.4329 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 54.1270, 47.1216, 28.4329 by changing the saturation by 10% instead.


 54.1270, 47.1216,
28.4329

 54.1270, 47.1216,
28.4329


392.7846,
375.2997, 308.5065


 38.9343, 33.1318,
18.4104


 95.4165, 85.8951,
58.2062

 26.8891, 22.2274,
11.0725

 122.2440,
111.4476, 78.7941

 17.6261, 14.0241,
6.0009


 153.6804,
141.6231, 103.7409

 10.7799, 8.1374,
2.7768

190.0912,
176.8060, 133.4650

 5.9853, 4.1830,
0.9818

231.8416,
217.3807, 168.3851

 2.8767, 1.7765,
0.0000

279.2971,

 1.0889, 0.4724,

263.7317, 208.9197

0.0000

332.8230,
316.2432, 255.4873

■ 0.0158, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.1270, 47.1216,
28.4329

■ 54.1270, 47.1216,
28.4329

■ 49.7531, 40.7483,
19.6550

■ 59.3104, 54.4975,
39.3816

■ 46.1414, 35.3260,
12.8983

■ 65.3400, 62.9107,
52.6315

■ 43.2447, 30.8088,
7.9983

■ 72.2544, 72.4028,
68.3059

■ 41.0083, 27.1438,
4.7632

■ 80.0886, 83.0107,
86.5183

■ 39.3679, 24.2712,
2.9578

■ 88.8758, 94.7699,
107.3752

■ 38.7360, 23.1135,
2.4197

■ 90.4278, 97.6172,
108.6837

Harmonies

Analogous

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



58.3470, 47.1216, 40.8418



54.1270, 47.1216, 28.4329



47.6291, 47.1216, 22.8671

Triad

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



54.1270, 47.1216, 28.4329



33.2570, 47.1216, 43.7418



48.8395, 47.1216, 95.5700

Complementary

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



54.1270, 47.1216, 28.4329



48.9930, 57.9833, 92.6138

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.



42.0616, 47.1216, 96.9146



54.1270, 47.1216, 28.4329



33.5108, 47.1216, 63.4236

Square

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



54.1270, 47.1216, 28.4329



35.8575, 47.1216, 30.0938



36.5896, 47.1216, 84.0031



55.0895, 47.1216, 80.6923

Rectangle

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



54.1270, 47.1216, 28.4329



43.0844, 47.1216, 22.5568



36.5896, 47.1216, 84.0031



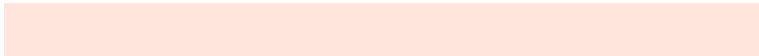
46.5353, 47.1216, 97.7333

Sweetspot

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



54.1282, 47.1239, 28.4338



82.2111, 82.6811, 78.8511



56.7781, 40.3617, 66.5029



17.2126, 17.1737, 15.9957



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.



54.1282, 47.1239, 28.4338



56.4359, 46.4862, 22.9205



66.0225, 70.9125, 32.3986



16.1389, 16.4910, 16.4822



20.9096, 12.6172, 1.3333



1.8211, 1.2130, 0.1381

Inverse Universe

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



48.9930, 57.9833, 92.6138



49.9390, 60.0477, 103.5660



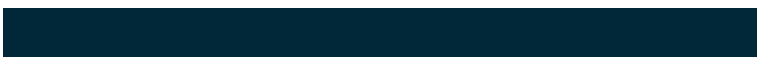
37.6925, 35.3823, 88.8469



15.8453, 17.1248, 20.1919



16.7765, 19.7772, 48.0610



1.4798, 1.8137, 4.0263

Previews

White Background



This preview shows how the XYZ color 54.1270, 47.1216, 28.4329 looks on a white background.

Color Contrast Check

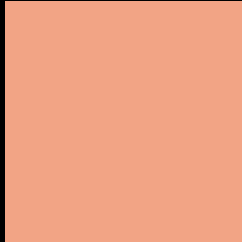
Large Text (above 18pt) WCAG AA × Fail

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 54.1270, 47.1216, 28.4329 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

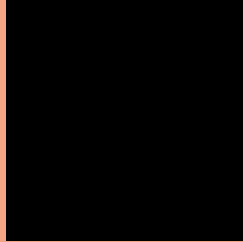
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.1270, 47.1216, 28.4329

Background



This preview shows how black text looks on a background with the XYZ color 54.1270, 47.1216, 28.4329.



This preview shows how white text looks on a background with the XYZ color 54.1270, 47.1216,

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

54.1270, 47.1216, 28.4329

Protanopia

44.2469, 47.3922, 32.0148

Deuteranopia

48.0420, 47.0504, 28.0223



Tritanopia

57.4050, 47.1490, 44.6032

Trichromacy



Original Color

54.1270, 47.1216, 28.4329

Protanomaly

47.2642, 46.8827, 30.6029

Deuteranomaly

50.0918, 46.9605, 28.2540

Tritanomaly

56.1389, 47.1572, 38.0417

Monochromacy



Original Color

54.1270, 47.1216, 28.4329

Achromatopsia

45.5594, 47.9320, 52.1980

Achromatomaly

47.6905, 47.1400, 42.1827

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.1270, 47.1216, 28.4329 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(242, 164, 133)` looks like.

```
.text, #text, p{  
    color:rgb(242, 164, 133)  
}
```

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(242, 164, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 164, 133) }
```

Border

The CSS property to change the border of an element to XYZ 54.1270, 47.1216, 28.4329 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(242, 164, 133) }
```


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

```
.border{ border-color:rgb(242, 164, 133) }
```

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

Here you see how a box with a 4 pixel rgb(242, 164, 133) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 164, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 164, 133);  
box-shadow:4px 4px 4px 4px rgb(242, 164,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 54.1270, 47.1216, 28.4329 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 164, 133) }
```

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

```
.background{ background-color: rgb(242,  
164, 133) }
```

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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