

Converting Colors

XYZ(54.0480, 47.2446, 23.2123)

Have a look what the booklet for
XYZ(54.0480, 47.2446, 23.2123)
contains.

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Color

**XYZ(54.1425, 47.2478,
23.0957)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | F5A475 |
| RGB | 245, 164, 117 |
| RGB Percent | 96%, 64%, 46% |
| CMY | 0.0392, 0.3568, 0.5412 |
| CMYK | 0.00, 0.33, 0.52, 0.04 |
| HSL | 22°, 86%, 71% |
| HSV | 22°, 52%, 96% |
| XYZ | 54.1425, 47.2478, 23.0957 |
| YIQ | 182.8610, 63.3630, 2.5550 |

Conversions

Conversions Part 2

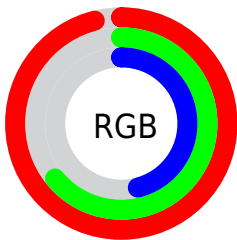
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 245, 191, 117 |
| Decimal | 16098421 |
| CIE Lab | 74.35, 25.05, 36.50 |
| CIE LCh | 74, 44.265, 55.537 |
| Yxy | 47.2478, 0.4349, 0.3795 |
| Android (android.graphics.Color) | 4294288501 (0xFFFF5A475) |
| YUV | 182.8610, -32.4695, 54.4959 |
| Hunter-Lab | 68.7370, 20.3103, 28.1944 |

Details

The XYZ color **54.1425, 47.2478, 23.0957** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **44.0104, 50.7600, 93.8638**, and the grayscale version is **45.0827, 47.4305, 51.6518**.

A 20% lighter version of the original color is **73.8272, 74.8253, 48.5818**, and **26.8451, 22.3200, 8.3621** is the 20% darker color. If you saturate the color by 10%, you get **50.2789, 41.5322, 15.6071**, and if you desaturate by 10%, it is **58.7235, 53.7953, 32.6838**.

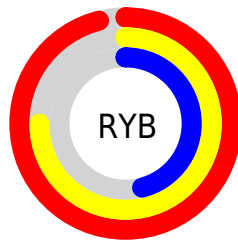
Distribution



Red (96%)

Green (64%)

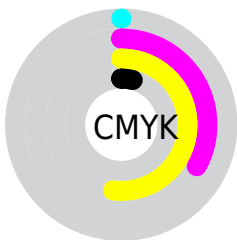
Blue (46%)



Red (96%)

Yellow (75%)

Blue (46%)

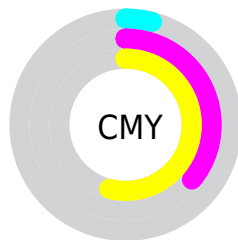


Cyan (0%)

Magenta (33%)

Yellow (52%)

Black (4%)



Cyan (4%)


Magenta (36%)


Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.1425, 47.2478, 23.0957 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 54.1425, 47.2478, 23.0957 by changing the saturation by 10% instead.


 54.1425, 47.2478,
23.0957


 54.1425, 47.2478,
23.0957


392.8427,
375.8028, 281.3540


 38.9467, 33.2316,
14.4582


 95.4391, 86.0834,
49.4756

 26.8988, 22.3039,
8.2977


 122.2707,
111.6716, 68.0551

 17.6334, 14.0804,
4.1955


 153.7115,
141.8859, 90.7857

 10.7852, 8.1766,
1.7332

190.1270,
177.1106, 118.0859

 5.9888, 4.2082,
0.3833

231.8825,
217.7303, 150.3743

 2.8789, 1.7907,
0.0000

279.3434,

 1.0900, 0.4813,

264.1293, 188.0695

0.0000

332.8750,
316.6920, 231.5898

■ 0.0168, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.1425, 47.2478,
23.0957

■ 54.1425, 47.2478,
23.0957

■ 50.2789, 41.5322,
15.6071

■ 58.7235, 53.7953,
32.6838

■ 47.0872, 36.6052,
10.0529


■ 64.0569, 61.2013,
44.5139


■ 44.5209, 32.4296,
6.2471

■ 70.1791, 69.4999,
58.7190

■ 42.5245, 28.9614,
3.9650

■ 77.1230, 78.7211,
75.4207

 41.3098, 26.7201,
2.9802

 84.9197, 88.8931,
94.7325

 91.4660, 98.1524,
108.7323

Harmonies

Analogous

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



60.1907, 47.2478, 34.7601



54.1425, 47.2478, 23.0957



46.1099, 47.2478, 18.9385

Triad

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



54.1425, 47.2478, 23.0957



31.3053, 47.2478, 48.1068



51.8379, 47.2478, 102.0308

Complementary

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



54.1425, 47.2478, 23.0957



44.0104, 50.7600, 93.8638

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.



43.7264, 47.2478, 108.7254



54.1425, 47.2478, 23.0957



32.4588, 47.2478, 72.7616

Square

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



54.1425, 47.2478, 23.0957



33.4281, 47.2478, 30.4042



36.7875, 47.2478, 96.7376



58.7536, 47.2478, 80.4670

Rectangle

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



54.1425, 47.2478, 23.0957



40.9294, 47.2478, 19.7034



36.7875, 47.2478, 96.7376



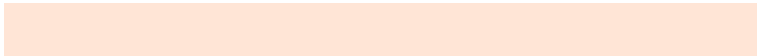
49.1356, 47.2478, 106.3231

Sweetspot

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



54.1436, 47.2502, 23.0966



81.4732, 82.2653, 75.3370



54.2182, 36.2156, 57.5992



17.1022, 17.1615, 15.3156



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.



54.1436, 47.2502, 23.0966



54.7241, 44.9705, 16.4681



68.5919, 76.1467, 27.9127



16.9975, 17.4790, 17.2755



22.3752, 14.6359, 1.6457



2.0611, 1.4755, 0.1762

Inverse Universe

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



44.0104, 50.7600, 93.8638



42.4428, 49.0997, 101.8480



32.3521, 27.4435, 89.9777



16.4553, 17.6749, 21.0869



15.3325, 16.4588, 48.9068



1.4454, 1.6422, 4.3310

Previews

White Background



This preview shows how the XYZ color 54.1425, 47.2478, 23.0957 looks on a white background.

Color Contrast Check

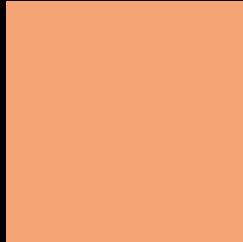
Large Text (above 18pt) WCAG AA × Fail

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 54.1425, 47.2478, 23.0957 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 54.1425, 47.2478, 23.0957

Background



This preview shows how black text looks on a background with the XYZ color 54.1425, 47.2478, 23.0957.



This preview shows how white text looks on a background with the XYZ color 54.1425, 47.2478,

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

54.1425, 47.2478, 23.0957

Protanopia

43.9239, 47.3534, 26.2271

Deuteranopia

48.2433, 47.2699, 22.8010



Tritanopia

58.2853, 47.1183, 43.5589

Trichromacy



Original Color

54.1425, 47.2478, 23.0957

Protanomaly

47.0625, 46.9029, 24.9851

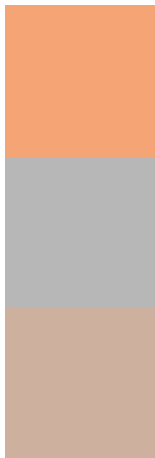
Deuteranomaly

50.3484, 47.2098, 22.9817

Tritanomaly

56.7872, 47.3001, 34.9910

Monochromacy



Original Color

54.1425, 47.2478, 23.0957

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

47.2369, 46.6757, 39.3205

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.1425, 47.2478, 23.0957 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(245, 164, 117)` looks like.

```
.text, #text, p{  
    color:rgb(245, 164, 117)  
}
```

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(245, 164, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 164, 117) }
```

Border

The CSS property to change the border of an element to XYZ 54.1425, 47.2478, 23.0957 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(245, 164, 117) }
```


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

```
.border{ border-color:rgb(245, 164, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 164, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 164, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 164, 117);  
box-shadow:4px 4px 4px 4px rgb(245, 164,  
117) }
```

Background

The CSS property to change the background color of an element to XYZ 54.1425, 47.2478, 23.0957 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 164, 117) }
```

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

```
.background{ background-color: rgb(245,  
164, 117) }
```

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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