

# Converting Colors

XYZ(54.1554, 47.5832, 23.5859)

Have a look what the booklet for  
XYZ(54.1554, 47.5832, 23.5859)  
contains.

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# Color

**XYZ(54.0334, 47.4514,  
23.4507)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	F4A576
RGB	244, 165, 118
RGB Percent	96%, 65%, 46%
CMY	0.0431, 0.3529, 0.5372
CMYK	0.00, 0.32, 0.52, 0.04
HSL	22°, 85%, 71%
HSV	22°, 52%, 96%
XYZ	54.0334, 47.4514, 23.4507
YIQ	183.2630, 62.1710, 2.1310

# Conversions

## Conversions Part 2

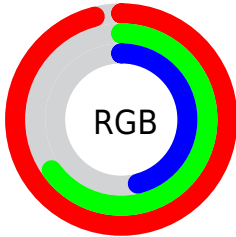
Format	Color
<a href="#">RYB</a>	<a href="#">244, 193, 118</a>
Decimal	<a href="#">16033142</a>
CIELab	<a href="#">74.48, 24.21, 36.11</a>
CIELCh	<a href="#">74, 43.477, 56.160</a>
Yxy	<a href="#">47.4514, 0.4325, 0.3798</a>
Android (android.graphics.Color)	<a href="#">4294223222</a> ( <a href="#">0xFFFF4A576</a> )
YUV	<a href="#">183.2630, -32.1747, 53.2663</a>
Hunter-Lab	<a href="#">68.8850, 19.4668, 28.0352</a>

# Details

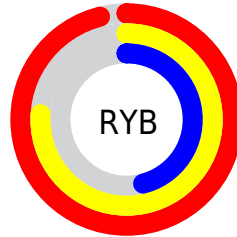
The XYZ color **54.0334, 47.4514, 23.4507** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **43.7655, 50.3134, 92.9924**, and the grayscale version is **45.3025, 47.6618, 51.9037**.

A 20% lighter version of the original color is **74.1839, 75.3867, 49.1692**, and **26.9869, 22.5542, 8.5613** is the 20% darker color. If you saturate the color by 10%, you get **50.1707, 41.7541, 15.9113**, and if you desaturate by 10%, it is **58.6035, 53.9635, 33.0768**.

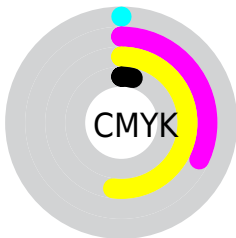
# Distribution



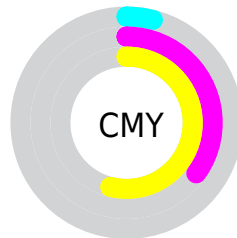
- Red (96%)
- Green (65%)
- Blue (46%)



- Red (96%)
- Yellow (76%)
- Blue (46%)



- Cyan (0%)
- Magenta (32%)
- Yellow (52%)
- Black (4%)




- Cyan (4%)
- Magenta (35%)
- Yellow (54%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 54.0334, 47.4514, 23.4507 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 54.0334, 47.4514, 23.4507 by changing the saturation by 10% instead.





 54.0334, 47.4514,  
23.4507

 54.0334, 47.4514,  
23.4507


392.4336,  
376.6135, 283.2281

 38.8591, 33.3926,  
14.7182

 95.2799, 86.3870,  
50.0649

 26.8304, 22.4274,  
8.4775

 122.0828,  
112.0327, 68.7836

 17.5818, 14.1713,  
4.3098


 153.4927,  
142.3095, 91.6683

 10.7480, 8.2399,  
1.7968

189.8749,  
177.6017, 119.1373

 5.9637, 4.2488,  
0.4258

231.5947,  
218.2938, 151.6092

 2.8635, 1.8137,  
0.0000

279.0175,

 1.0820, 0.4957,

264.7702, 189.5027

0.0000

332.5087,  
317.4153, 233.2361

■ 0.0100, 0.0000,  
0.0000

■ 0.0000, 0.0000,  
0.0000

■ 54.0334, 47.4514,  
23.4507

■ 54.0334, 47.4514,  
23.4507

■ 50.1707, 41.7541,  
15.9113

■ 58.6035, 53.9635,  
33.0768

■ 46.9707, 36.8296,  
10.2963

■ 63.9149, 61.3159,  
44.9296

■ 44.3885, 32.6420,  
6.4237

■ 70.0033, 69.5416,  
59.1399

■ 42.3700, 29.1489,  
4.0739

■ 76.9009, 78.6696,  
75.8276

41.0515, 26.7198,  
2.9938

84.6379, 88.7273,  
95.1044

91.1181, 97.9730,  
108.7160

# Harmonies

## Analogous

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



60.0400, 47.4514, 34.8654



54.0334, 47.4514, 23.4507



46.1190, 47.4514, 19.4391

# Triad

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



54.0334, 47.4514, 23.4507



31.6630, 47.4514, 48.8268



52.0834, 47.4514, 100.9495

# Complementary

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



54.0334, 47.4514, 23.4507



43.7655, 50.3134, 92.9924

# 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.



44.0984, 47.4514, 107.8658



54.0334, 47.4514, 23.4507



32.8718, 47.4514, 73.1479

# Square

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



54.0334, 47.4514, 23.4507



33.6968, 47.4514, 31.1502



37.2118, 47.4514, 96.4946



58.8257, 47.4514, 79.6504



# Rectangle

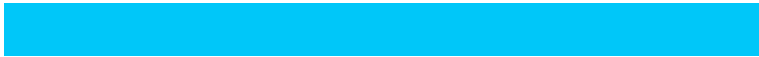
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



54.0334, 47.4514, 23.4507



41.0320, 47.4514, 20.2902



37.2118, 47.4514, 96.4946



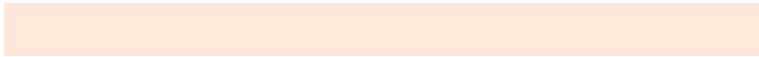
49.4308, 47.4514, 105.2575

# Sweetspot

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



54.0346, 47.4538, 23.4516



82.3133, 83.4196, 77.2385



53.9568, 36.2583, 57.4602



17.2714, 17.3964, 15.6912



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.



54.0346, 47.4538, 23.4516



55.2615, 45.8582, 17.2238



68.1020, 75.5887, 28.1408



17.0056, 17.4952, 17.2782



22.4418, 14.7692, 1.6679



2.0676, 1.4884, 0.1783



# Inverse Universe

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



43.7655, 50.3134, 92.9924



42.7133, 49.2443, 101.8616



32.4368, 27.6559, 89.2162



16.4469, 17.6581, 21.0841



15.2058, 16.2054, 48.8645



1.4348, 1.6210, 4.3275



# Previews

## White Background



This preview shows how the XYZ color 54.0334, 47.4514, 23.4507 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

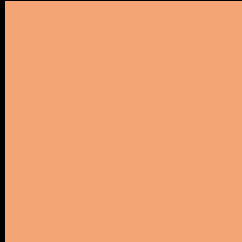
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 54.0334, 47.4514, 23.4507 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

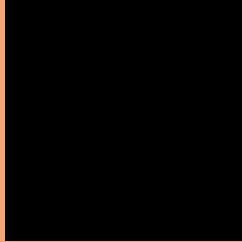
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**XYZ 54.0334, 47.4514, 23.4507**

## **Background**



This preview shows how black text looks on a background with the XYZ color 54.0334, 47.4514, 23.4507.



This preview shows how white text looks on a background with the XYZ color 54.0334, 47.4514,



# 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

54.0334, 47.4514, 23.4507

### Protanopia

44.3953, 47.9038, 26.3085

### Deuteranopia

48.6066, 47.4505, 23.1200



## Tritanopia

58.1940, 47.3125, 44.0953

# Trichromacy



**Original Color**

54.0334, 47.4514, 23.4507

**Protanomaly**

47.2593, 47.2965, 25.0507

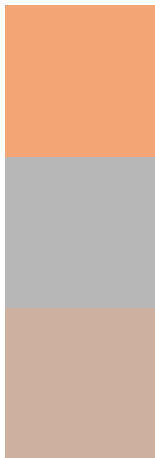
**Deuteranomaly**

50.4069, 47.2332, 23.2898

**Tritanomaly**

56.6886, 47.4983, 35.4584

# Monochromacy



**Original Color**

54.0334, 47.4514, 23.4507

**Achromatopsia**

45.0092, 47.3531, 51.5676

**Achromatomaly**

46.9602, 46.5330, 39.3076

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 54.0334, 47.4514, 23.4507 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(244, 165, 118)` looks like.

```
.text, #text, p{  
    color:rgb(244, 165, 118)  
}
```

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(244, 165, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 165, 118) }
```

## Border

The CSS property to change the border of an element to XYZ 54.0334, 47.4514, 23.4507 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(244, 165, 118) }
```



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

```
.border{ border-color:rgb(244, 165, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 165, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 165, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 165, 118);  
box-shadow:4px 4px 4px 4px rgb(244, 165,  
118) }
```

# Background

The CSS property to change the background color of an element to XYZ 54.0334, 47.4514, 23.4507 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 165, 118) }
```

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

```
.background{ background-color: rgb(244,  
165, 118) }
```

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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