

Converting Colors

XYZ(54.7570, 46.8429, 23.8538)

Have a look what the booklet for
XYZ(54.7570, 46.8429, 23.8538)
contains.

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Color

**XYZ(54.8464, 46.8023,
23.9123)**

Conversions

Conversions Part 1

Format	Color
Hex	F8A178
RGB	248, 161, 120
RGB Percent	97%, 63%, 47%
CMY	0.0275, 0.3686, 0.5294
CMYK	0.00, 0.35, 0.52, 0.03
HSL	19°, 90%, 72%
HSV	19°, 52%, 97%
XYZ	54.8464, 46.8023, 23.9123
YIQ	182.3390, 65.0130, 5.6930

Conversions

Conversions Part 2

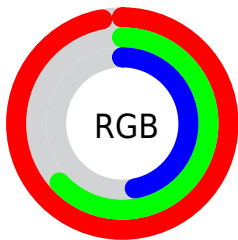
Format	Color
R _Y B	248, 180, 120
Decimal	16294264
CIE Lab	74.06, 28.07, 34.62
CIE LCh	74, 44.563, 50.966
Yxy	46.8023, 0.4368, 0.3727
Android (android.graphics.Color)	4294484344 (0xFFFF8A178)
YUV	182.3390, -30.7331, 57.5847
Hunter-Lab	68.4122, 23.3830, 27.1648

Details

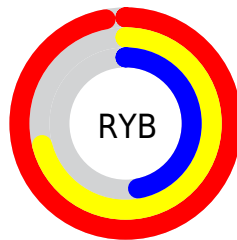
The XYZ color **54.8464, 46.8023, 23.9123** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **47.0005, 55.3931, 97.0212**, and the grayscale version is **44.7870, 47.1194, 51.3130**.

A 20% lighter version of the original color is **73.3387, 73.3889, 49.8353**, and **27.3450, 22.0836, 8.7826** is the 20% darker color. If you saturate the color by 10%, you get **50.7822, 40.7788, 16.0692**, and if you desaturate by 10%, it is **59.6997, 53.7805, 33.9420**.

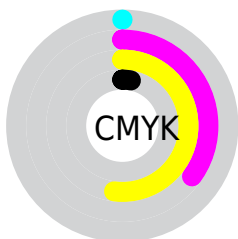
Distribution



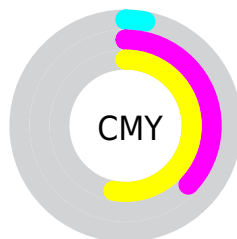
- Red (97%)
- Green (63%)
- Blue (47%)



- Red (97%)
- Yellow (71%)
- Blue (47%)



- Cyan (0%)
- Magenta (35%)
- Yellow (52%)
- Black (3%)





- Cyan (3%)
- Magenta (37%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.8464, 46.8023, 23.9123 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 54.8464, 46.8023, 23.9123 by changing the saturation by 10% instead.


 54.8464, 46.8023,
23.9123


 54.8464, 46.8023,
23.9123


395.4753,
374.0248, 285.6491


 39.5121, 32.8794,
15.0570


 96.4655, 85.4184,
50.8291

 27.3409, 22.0341,
8.7123


 123.4810,
110.8805, 69.7276

 17.9673, 13.8819,
4.4598


 155.1210,
140.9577, 92.8110

 11.0261, 8.0386,
1.8808

191.7508,
176.0344, 120.4977

 6.1518, 4.1197,
0.4805

233.7358,
216.4951, 153.2064

 2.9791, 1.7407,
0.0000

281.4413,

 1.1427, 0.4498,

262.7241, 191.3554

0.0000

335.2327,
315.1059, 235.3635

■ 0.0604, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.8464, 46.8023,
23.9123

■ 54.8464, 46.8023,
23.9123

■ 50.7822, 40.7788,
16.0692

■ 59.6997, 53.7805,
33.9420

■ 47.4572, 35.6592,
10.2427

■ 65.3810, 61.7471,
46.3052

■ 44.8203, 31.3980,
6.2419

■ 71.9306, 70.7427,
61.1391

■ 42.8108, 27.9419,
3.8368

■ 79.3849, 80.8035,
78.5694

■ 41.5397, 25.6134,
2.7545

■ 87.7783, 91.9637,
98.7133

■ 92.5212, 98.6964,
108.7817

Harmonies

Analogous

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



60.3776, 46.8023, 36.8178



54.8464, 46.8023, 23.9123



46.9332, 46.8023, 18.7505

Triad

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



54.8464, 46.8023, 23.9123



31.0051, 46.8023, 44.3765



50.1940, 46.8023, 103.8887

Complementary

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



54.8464, 46.8023, 23.9123



47.0005, 55.3931, 97.0212

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.



42.1218, 46.8023, 107.7304



54.8464, 46.8023, 23.9123



31.6576, 46.8023, 68.3258

Square

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



54.8464, 46.8023, 23.9123



33.6139, 46.8023, 28.0219



35.5170, 46.8023, 93.2016



57.4766, 46.8023, 83.8854

Rectangle

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



54.8464, 46.8023, 23.9123



41.6331, 46.8023, 18.8828



35.5170, 46.8023, 93.2016



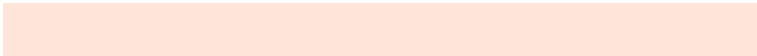
47.4625, 46.8023, 107.3077

Sweetspot

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



54.8475, 46.8046, 23.9132



81.7522, 82.2975, 77.0515



56.7475, 37.9175, 63.6590



17.1372, 17.1280, 15.6465



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.



54.8475, 46.8046, 23.9132



53.9123, 43.1598, 16.7740



68.9006, 74.9108, 28.5975



17.6985, 18.1328, 18.0296



22.5516, 14.0598, 1.5252



2.1801, 1.4850, 0.1717

Inverse Universe

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



47.0005, 55.3931, 97.0212



44.6455, 53.1087, 102.5057



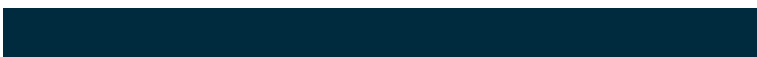
34.5820, 30.5561, 92.8817



17.2696, 18.6159, 22.0683



16.9043, 19.1642, 50.7817



1.6613, 1.9664, 4.7352

Previews

White Background



This preview shows how the XYZ color 54.8464, 46.8023, 23.9123 looks on a white background.

Color Contrast Check

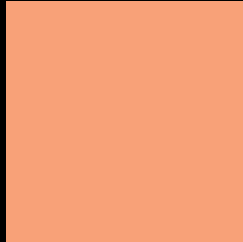
Large Text (above 18pt) WCAG AA × Fail

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 54.8464, 46.8023, 23.9123 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 54.8464, 46.8023, 23.9123

Background



This preview shows how black text looks on a background with the XYZ color 54.8464, 46.8023, 23.9123.

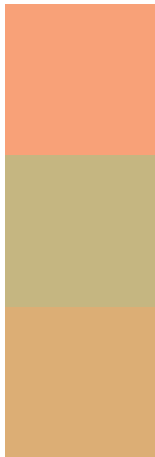


This preview shows how white text looks on a background with the XYZ color 54.8464, 46.8023, 23.9123.

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

54.8464, 46.8023, 23.9123

Protanopia

43.7164, 46.9112, 27.5195

Deuteranopia

47.8621, 46.7721, 23.3349



Tritanopia

58.7492, 46.8913, 42.0309

Trichromacy



Original Color

54.8464, 46.8023, 23.9123

Protanomaly

47.2208, 46.3774, 26.2016

Deuteranomaly

50.0911, 46.5069, 23.4762

Tritanomaly

57.2654, 46.7931, 34.4475

Monochromacy



Original Color

54.8464, 46.8023, 23.9123

Achromatopsia

44.4628, 46.7784, 50.9417

Achromatomaly

46.8477, 45.8971, 39.1908

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.8464, 46.8023, 23.9123 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(248, 161, 120)` looks like.

```
.text, #text, p{  
    color:rgb(248, 161, 120)  
}
```

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(248, 161, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 161, 120) }
```

Border

The CSS property to change the border of an element to XYZ 54.8464, 46.8023, 23.9123 is called "border". The border property can be set on classes, ids or directly on the HTML element.

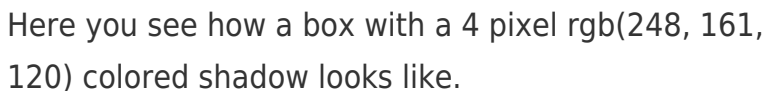
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(248, 161, 120) }
```


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

```
.border{ border-color:rgb(248, 161, 120) }
```

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



Here you see how a box with a 4 pixel `rgb(248, 161, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(248, 161, 120); -webkit-box-shadow:4px 4px 4px 4px rgb(248, 161, 120); box-shadow:4px 4px 4px 4px rgb(248, 161, 120) }
```

Background

The CSS property to change the background color of an element to XYZ 54.8464, 46.8023, 23.9123 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 161, 120) }
```

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

```
.background{ background-color: rgb(248,  
161, 120) }
```

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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