

Converting Colors

XYZ(55.8192, 47.0453, 29.1555)

Have a look what the booklet for
XYZ(55.8192, 47.0453, 29.1555)
contains.

XYZ(55.6554, 46.8473, 29.0308)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(55.6554, 46.8473,
29.0308)**

Conversions

Conversions Part 1

Format	Color
Hex	F8A087
RGB	248, 160, 135
RGB Percent	97%, 63%, 53%
CMY	0.0275, 0.3725, 0.4706
CMYK	0.00, 0.35, 0.46, 0.03
HSL	13°, 89%, 75%
HSV	13°, 46%, 97%
XYZ	55.6554, 46.8473, 29.0308
YIQ	183.4620, 60.4730, 10.8810

Conversions

Conversions Part 2

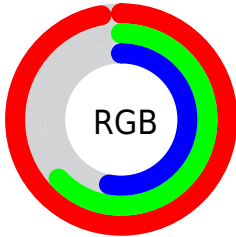
Format	Color
R _Y B	248, 167, 135
Decimal	16294023
CIE Lab	74.09, 29.98, 26.61
CIE LCh	74, 40.081, 41.590
Yxy	46.8473, 0.4231, 0.3562
Android (android.graphics.Color)	4294484103 (0xFFFF8A087)
YUV	183.4620, -23.8918, 56.5998
Hunter-Lab	68.4451, 25.3665, 22.7639

Details

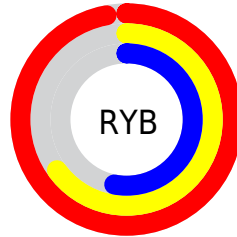
The XYZ color **55.6554, 46.8473, 29.0308** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **53.3215, 64.7009, 98.4850**, and the grayscale version is **45.3686, 47.7313, 51.9793**.

A 20% lighter version of the original color is **74.6175, 73.4917, 57.8295**, and **27.9885, 22.1998, 11.4042** is the 20% darker color. If you saturate the color by 10%, you get **51.0167, 40.0464, 19.8503**, and if you desaturate by 10%, it is **61.2232, 54.8556, 40.5281**.

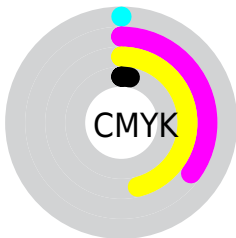
Distribution



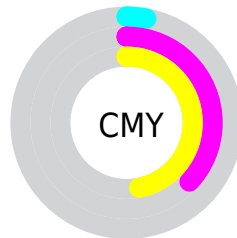
- Red (97%)
- Green (63%)
- Blue (53%)



- Red (97%)
- Yellow (65%)
- Blue (53%)



- Cyan (0%)
- Magenta (35%)
- Yellow (46%)
- Black (3%)




- Cyan (3%)
- Magenta (37%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.6554, 46.8473, 29.0308 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 55.6554, 46.8473, 29.0308 by changing the saturation by 10% instead.


 55.6554, 46.8473,
29.0308

 55.6554, 46.8473,
29.0308


398.4877,
374.2047, 311.4257


 40.1626, 32.9150,
18.8583

 97.6433, 85.4856,
59.1688

 27.8501, 22.0613,
11.3922


 124.8691,
110.9604, 79.9714

 18.3526, 13.9020,
6.2138


 156.7367,
141.0515, 105.1545

 11.3046, 8.0525,
2.9046

193.6113,
176.1432, 135.1366

 6.3409, 4.1286,
1.0461

235.8583,
216.6200, 170.3362

 3.0961, 1.7457,
0.0000

283.8432,

 1.2048, 0.4530,

262.8663, 211.1719

0.0000

337.9312,
315.2663, 258.0622

■ 0.1101, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.6554, 46.8473,
29.0308

■ 55.6554, 46.8473,
29.0308

■ 51.0167, 40.0464,
19.8503

■ 61.2232, 54.8556,
40.5281

■ 47.2510, 34.3866,
12.8251

■ 67.7648, 64.1195,
54.4834

■ 44.3012, 29.8056,
7.7769

■ 75.3263, 74.6929,
71.0296

■ 42.1016, 26.2322,
4.4975

■ 83.9496, 86.6246,
90.2894

■ 40.5741, 23.5852,
2.7306

■ 92.5214, 98.6964,
108.7817

■ 40.0718, 22.6773,
2.2651

Harmonies

Analogous

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



59.4451, 46.8473, 43.4796



55.6554, 46.8473, 29.0308



49.0247, 46.8473, 21.9671

Triad

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



55.6554, 46.8473, 29.0308



32.6843, 46.8473, 39.5270



47.3549, 46.8473, 100.2920

Complementary

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



55.6554, 46.8473, 29.0308



53.3215, 64.7009, 98.4850

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.



40.3131, 46.8473, 98.3961



55.6554, 46.8473, 29.0308



32.3401, 46.8473, 59.3604

Square

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



55.6554, 46.8473, 29.0308



35.9875, 46.8473, 26.8090



34.9906, 46.8473, 81.9659



54.3205, 46.8473, 86.6075

Rectangle

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



55.6554, 46.8473, 29.0308



44.1454, 46.8473, 20.8431



34.9906, 46.8473, 81.9659



44.9107, 46.8473, 101.5369

Sweetspot

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



55.6566, 46.8496, 29.0317



81.5895, 81.4379, 78.6439



60.7646, 42.6405, 75.2058



17.0627, 16.8739, 15.9457



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.



55.6566, 46.8496, 29.0317



54.5660, 42.9837, 21.5651



67.6363, 70.8091, 33.0249



17.5560, 17.8479, 17.9821



21.7313, 12.4192, 1.2518



2.0878, 1.3004, 0.1410

Inverse Universe

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



53.3215, 64.7009, 98.4850



51.7335, 64.1402, 104.2614



40.7571, 39.5723, 94.2969



17.4209, 18.9186, 22.1188



19.5777, 24.5109, 51.6728



1.8907, 2.4251, 4.8116

Previews

White Background



This preview shows how the XYZ color 55.6554, 46.8473, 29.0308 looks on a white background.

Color Contrast Check

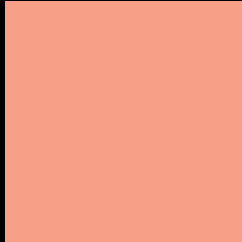
Large Text (above 18pt) WCAG AA × Fail

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 55.6554, 46.8473, 29.0308 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 55.6554, 46.8473, 29.0308

Background



This preview shows how black text looks on a background with the XYZ color 55.6554, 46.8473, 29.0308.



This preview shows how white text looks on a background with the XYZ color 55.6554, 46.8473,

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

55.6554, 46.8473, 29.0308

Protanopia

44.0869, 46.9696, 33.5305

Deuteranopia

47.8137, 46.9248, 28.3671



Tritanopia

58.4801, 46.7419, 42.4991

Trichromacy



Original Color

55.6554, 46.8473, 29.0308

Protanomaly

47.6753, 46.4913, 31.6603

Deuteranomaly

50.6033, 46.9369, 28.5829

Tritanomaly

57.3977, 46.8045, 37.0193

Monochromacy



Original Color

55.6554, 46.8473, 29.0308

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

47.9450, 46.6785, 42.5593

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.6554, 46.8473, 29.0308 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, 160, 135)` looks like.

```
.text, #text, p{  
    color:rgb(248, 160, 135)  
}
```

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, 160, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 160, 135) }
```

Border

The CSS property to change the border of an element to XYZ 55.6554, 46.8473, 29.0308 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, 160, 135) }
```


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

```
.border{ border-color:rgb(248, 160, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 160, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 160, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 160, 135);  
box-shadow:4px 4px 4px 4px rgb(248, 160,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 55.6554, 46.8473, 29.0308 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 160, 135) }
```

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

```
.background{ background-color: rgb(248,  
160, 135) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor