

Converting Colors

XYZ(55.5642, 47.8130, 30.9322)

Have a look what the booklet for
XYZ(55.5642, 47.8130, 30.9322)
contains.

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Color

**XYZ(55.6653, 47.8568,
31.1144)**

Conversions

Conversions Part 1

Format	Color
Hex	F5A48C
RGB	245, 164, 140
RGB Percent	96%, 64%, 55%
CMY	0.0392, 0.3568, 0.4510
CMYK	0.00, 0.33, 0.43, 0.04
HSL	14°, 84%, 75%
HSV	14°, 43%, 96%
XYZ	55.6653, 47.8568, 31.1144
YIQ	185.4830, 55.9800, 9.7080

Conversions

Conversions Part 2

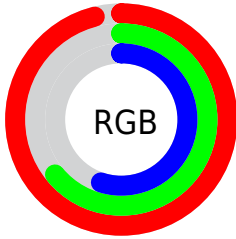
Format	Color
R _Y B	245, 171, 140
Decimal	16098444
CIE Lab	74.73, 27.23, 24.71
CIE LCh	75, 36.769, 42.214
Yxy	47.8568, 0.4134, 0.3555
Android (android.graphics.Color)	4294288524 (0xFFF5A48C)
YUV	185.4830, -22.4231, 52.1964
Hunter-Lab	69.1786, 22.5693, 21.7582

Details

The XYZ color **55.6653, 47.8568, 31.1144** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **53.1521, 63.8785, 95.9146**, and the grayscale version is **46.4835, 48.9043, 53.2568**.

A 20% lighter version of the original color is **76.3091, 75.8181, 61.6514**, and **27.8893, 22.7656, 12.5971** is the 20% darker color. If you saturate the color by 10%, you get **50.9215, 40.9455, 21.5908**, and if you desaturate by 10%, it is **61.3163, 55.9388, 42.9254**.

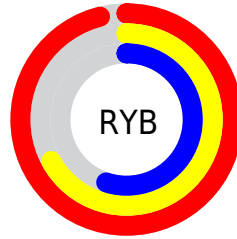
Distribution



Red (96%)

Green (64%)

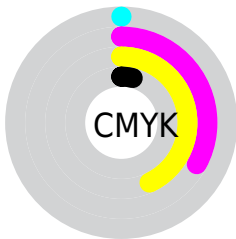
Blue (55%)



Red (96%)

Yellow (67%)

Blue (55%)

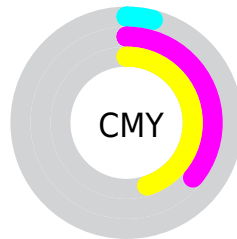


Cyan (0%)

Magenta (33%)

Yellow (43%)

Black (4%)



Cyan (4%)


Magenta (36%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.6653, 47.8568, 31.1144 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 55.6653, 47.8568, 31.1144 by changing the saturation by 10% instead.


 55.6653, 47.8568,
31.1144


 55.6653, 47.8568,
31.1144


398.5244,
378.2242, 321.4325


 40.1706, 33.7135,
20.4268


 97.6577, 86.9912,
62.5018

 27.8564, 22.6736,
12.5185


 124.8861,
112.7510, 84.0387

 18.3573, 14.3527,
6.9710


 156.7564,
143.1518, 110.0291

 11.3081, 8.3664,
3.3658

193.6340,
178.5780, 140.8915

 6.3433, 4.3303,
1.2843

235.8843,
219.4139, 177.0446

 3.0975, 1.8600,
0.0489

283.8725,

 1.2056, 0.5241,

266.0440, 218.9067

0.0000

337.9641,
318.8527, 266.8965

■ 0.1107, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.6653, 47.8568,
31.1144

■ 55.6653, 47.8568,
31.1144

■ 50.9215, 40.9455,
21.5908

■ 61.3163, 55.9388,
42.9254

■ 47.0321, 35.1430,
14.2023

■ 67.9162, 65.2358,
57.1572

■ 43.9445, 30.3919,
8.7822

■ 75.5082, 75.7981,
73.9359

■ 41.5977, 26.6268,
5.1377

■ 84.1319, 87.6714,
93.3781

■ 39.9211, 23.7741,
3.0359

■ 91.4662, 98.1525,
108.7323

■ 39.0709, 22.2420,
2.2339

Harmonies

Analogous

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



59.2127, 47.8568, 44.7149



55.6653, 47.8568, 31.1144



49.5190, 47.8568, 24.3680

Triad

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



55.6653, 47.8568, 31.1144



34.3314, 47.8568, 41.6710



48.2550, 47.8568, 96.8991

Complementary

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



55.6653, 47.8568, 31.1144



53.1521, 63.8785, 95.9146

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.



41.6790, 47.8568, 95.5078



55.6653, 47.8568, 31.1144



34.0645, 47.8568, 60.2740

Square

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



55.6653, 47.8568, 31.1144



37.3995, 47.8568, 29.3576



36.6309, 47.8568, 80.8986



54.6624, 47.8568, 84.3326

Rectangle

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



55.6653, 47.8568, 31.1144



44.9927, 47.8568, 23.3412



36.6309, 47.8568, 80.8986



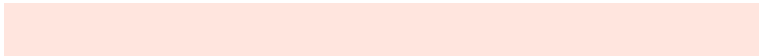
45.9838, 47.8568, 98.1203

Sweetspot

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



55.6665, 47.8591, 31.1153



82.5428, 82.8021, 80.6338



60.2529, 43.4565, 74.4955



17.2543, 17.1505, 16.3385



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.



55.6665, 47.8591, 31.1153



56.6070, 46.0764, 25.2954



66.7542, 70.0345, 34.8112



16.8065, 17.0971, 17.2118



21.1340, 12.1537, 1.2320



1.9322, 1.2176, 0.1332

Inverse Universe

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



53.1521, 63.8785, 95.9146



53.4979, 65.5716, 104.4447



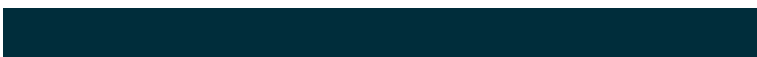
41.6250, 40.8244, 92.0722



16.6567, 18.0777, 21.1540



18.7905, 23.3748, 50.0594



1.7280, 2.2074, 4.4252

Previews

White Background



This preview shows how the XYZ color 55.6653, 47.8568, 31.1144 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 55.6653, 47.8568, 31.1144 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

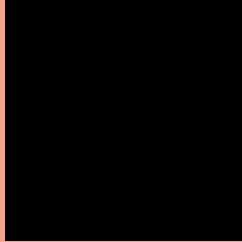
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.6653, 47.8568, 31.1144

Background



This preview shows how black text looks on a background with the XYZ color 55.6653, 47.8568, 31.1144.



This preview shows how white text looks on a background with the XYZ color 55.6653, 47.8568,

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

55.6653, 47.8568, 31.1144

Protanopia

45.0710, 48.0530, 35.3334

Deuteranopia

48.9249, 48.0310, 30.7370



Tritanopia

58.7286, 48.0766, 45.2141

Trichromacy



Original Color

55.6653, 47.8568, 31.1144

Protanomaly

48.3510, 47.6657, 33.8462

Deuteranomaly

51.0913, 47.7000, 30.9403

Tritanomaly

57.4478, 47.8020, 39.4566

Monochromacy



Original Color

55.6653, 47.8568, 31.1144

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

48.6157, 47.5743, 44.1565

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.6653, 47.8568, 31.1144 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, 140)` looks like.

```
.text, #text, p{  
    color:rgb(245, 164, 140)  
}
```

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, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 164, 140) }
```

Border

The CSS property to change the border of an element to XYZ 55.6653, 47.8568, 31.1144 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, 140) }
```


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

```
.border{ border-color:rgb(245, 164, 140) }
```

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, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 164, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 164, 140);  
box-shadow:4px 4px 4px 4px rgb(245, 164,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 55.6653, 47.8568, 31.1144 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, 140) }
```

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

```
.background{ background-color: rgb(245,  
164, 140) }
```

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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