

Converting Colors

XYZ(55.4425, 48.2250, 33.5803)

Have a look what the booklet for
XYZ(55.4425, 48.2250, 33.5803)
contains.

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Color

**XYZ(55.4425, 48.2250,
33.5803)**

Conversions

Conversions Part 1

Format	Color
Hex	F2A692
RGB	242, 166, 146
RGB Percent	95%, 65%, 57%
CMY	0.0510, 0.3490, 0.4274
CMYK	0.00, 0.31, 0.40, 0.05
HSL	13°, 79%, 76%
HSV	13°, 40%, 95%
XYZ	55.4425, 48.2250, 33.5803
YIQ	186.4440, 51.7160, 9.8920

Conversions

Conversions Part 2

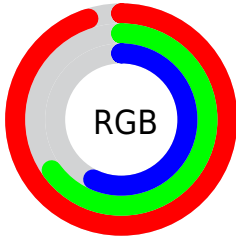
Format	Color
R _Y B	242, 171, 146
Decimal	15902354
CIE Lab	74.97, 25.67, 21.71
CIE LCh	75, 33.624, 40.223
Yxy	48.2250, 0.4040, 0.3514
Android (android.graphics.Color)	4294092434 (0xFFF2A692)
YUV	186.4440, -19.9389, 48.7226
Hunter-Lab	69.4442, 20.9825, 19.9408

Details

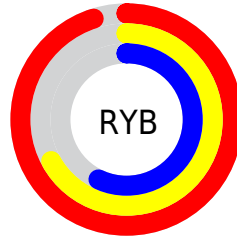
The XYZ color **55.4425, 48.2250, 33.5803** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **54.0013, 64.7618, 93.6586**, and the grayscale version is **47.0104, 49.4586, 53.8604**.

A 20% lighter version of the original color is **77.5218, 77.1430, 65.4478**, and **27.8500, 23.0512, 13.8079** is the 20% darker color. If you saturate the color by 10%, you get **50.5288, 41.0981, 23.6174**, and if you desaturate by 10%, it is **61.2759, 56.5534, 45.8164**.

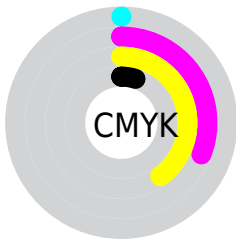
Distribution



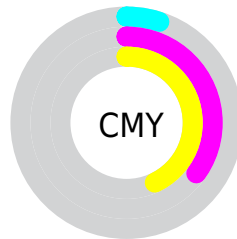
- Red (95%)
- Green (65%)
- Blue (57%)



- Red (95%)
- Yellow (67%)
- Blue (57%)



- Cyan (0%)
- Magenta (31%)
- Yellow (40%)
- Black (5%)





- Cyan (5%)
- Magenta (35%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.4425, 48.2250, 33.5803 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 55.4425, 48.2250, 33.5803 by changing the saturation by 10% instead.


 55.4425, 48.2250,
33.5803

 55.4425, 48.2250,
33.5803


397.6963,
379.6833, 332.9684

 39.9914, 34.0051,
22.2966


 97.3335, 87.5393,
66.4069

 27.7160, 22.8975,
13.8746


 124.5041,
113.4025, 88.7869

 18.2510, 14.5179,
7.8958


156.3119,
143.9156, 115.7027

 11.2311, 8.4817,
3.9415

193.1223,
179.4630, 147.5729

 6.2910, 4.4047,
1.5933

235.3005,
220.4291, 184.8160

 3.0651, 1.9024,
0.2860

283.2120,

 1.1883, 0.5498,

267.1982, 227.8506

0.0000

337.2222,
320.1548, 277.0952

■ 0.0971, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.4425, 48.2250,
33.5803

■ 55.4425, 48.2250,
33.5803

■ 50.5288, 41.0981,
23.6174

■ 61.2759, 56.5534,
45.8164

■ 46.4829, 35.1098,
15.7838

■ 68.0698, 66.1285,
60.4519

■ 43.2531, 30.2020,
9.9232

■ 75.8671, 77.0015,
77.6071

■ 40.7805, 26.3086,
5.8567

■ 84.7069, 89.2188,
97.3932

■ 38.9975, 23.3555,
3.3724

■ 90.4280, 97.6173,
108.6837

■ 37.8090, 21.2523,
2.1324

■ 37.7770, 21.1954,
2.1001

Harmonies

Analogous

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



58.4482, 48.2250, 46.7403



55.4425, 48.2250, 33.5803



49.9433, 48.2250, 26.7094

Triad

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



55.4425, 48.2250, 33.5803



35.6113, 48.2250, 41.8907



47.9613, 48.2250, 93.2495

Complementary

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



55.4425, 48.2250, 33.5803



54.0013, 64.7618, 93.6586

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.



41.9611, 48.2250, 91.1308



55.4425, 48.2250, 33.5803



35.1834, 48.2250, 58.7335

Square

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



55.4425, 48.2250, 33.5803



38.6355, 48.2250, 30.7136



37.4094, 48.2250, 77.4758



53.8808, 48.2250, 82.7460

Rectangle

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



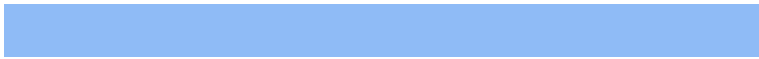
55.4425, 48.2250, 33.5803



45.7906, 48.2250, 25.4602



37.4094, 48.2250, 77.4758



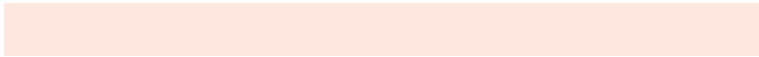
45.8823, 48.2250, 94.0376

Sweetspot

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



55.4437, 48.2273, 33.5812



83.2623, 83.6904, 82.5712



60.1894, 44.7524, 75.1367



17.5690, 17.5616, 17.1159



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.



55.4437, 48.2273, 33.5812



57.6911, 47.4326, 28.1604



65.6511, 68.6420, 36.9837



16.0397, 16.2924, 16.4491



20.3729, 11.5439, 1.1544



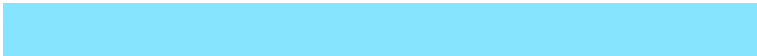
1.7642, 1.0991, 0.1192

Inverse Universe

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



54.0013, 64.7618, 93.6586



55.8158, 68.4860, 104.8851



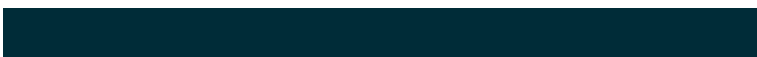
43.1726, 43.1044, 90.0490



15.9514, 17.3370, 20.2272



18.7873, 23.7988, 48.7313



1.6323, 2.1185, 4.0771

Previews

White Background



This preview shows how the XYZ color 55.4425, 48.2250, 33.5803 looks on a white background.

Color Contrast Check

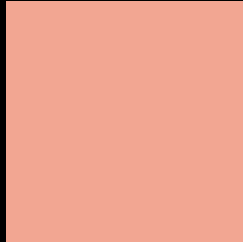
Large Text (above 18pt) WCAG AA × Fail

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 55.4425, 48.2250, 33.5803 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 55.4425, 48.2250, 33.5803

Background



This preview shows how black text looks on a background with the XYZ color 55.4425, 48.2250, 33.5803.



This preview shows how white text looks on a background with the XYZ color 55.4425, 48.2250,

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

55.4425, 48.2250, 33.5803

Protanopia

45.5626, 48.2496, 37.9221

Deuteranopia

49.3715, 48.2096, 33.0888



Tritanopia

58.2165, 48.3091, 46.3006

Trichromacy



Original Color

55.4425, 48.2250, 33.5803

Protanomaly

48.5410, 47.7083, 36.3560

Deuteranomaly

51.4184, 48.1002, 33.3623

Tritanomaly

57.1063, 48.1078, 41.3979

Monochromacy



Original Color

55.4425, 48.2250, 33.5803

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

48.9244, 48.3023, 45.2728

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.4425, 48.2250, 33.5803 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(242, 166, 146)` looks like.

```
.text, #text, p{  
    color:rgb(242, 166, 146)  
}
```

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(242, 166, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 166, 146) }
```

Border

The CSS property to change the border of an element to XYZ 55.4425, 48.2250, 33.5803 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(242, 166, 146) }
```


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

```
.border{ border-color:rgb(242, 166, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 166, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 166, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 166, 146);  
box-shadow:4px 4px 4px 4px rgb(242, 166,  
146) }
```

Background

The CSS property to change the background color of an element to XYZ 55.4425, 48.2250, 33.5803 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 166, 146) }
```

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

```
.background{ background-color: rgb(242,  
166, 146) }
```

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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