

Converting Colors

XYZ(55.6014, 47.8030, 22.4407)

Have a look what the booklet for
XYZ(55.6014, 47.8030, 22.4407)
contains.

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Color

**XYZ(55.6160, 47.7562,
22.5062)**

Conversions

Conversions Part 1

Format	Color
Hex	FAA373
RGB	250, 163, 115
RGB Percent	98%, 64%, 45%
CMY	0.0196, 0.3608, 0.5490
CMYK	0.00, 0.35, 0.54, 0.02
HSL	21°, 93%, 72%
HSV	21°, 54%, 98%
XYZ	55.6160, 47.7562, 22.5062
YIQ	183.5410, 67.2600, 3.5160

Conversions

Conversions Part 2

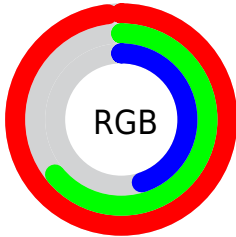
Format	Color
RYB	250, 189, 115
Decimal	16425843
CIELab	74.67, 27.38, 38.08
CIELCh	75, 46.901, 54.278
Yxy	47.7562, 0.4418, 0.3794
Android (android.graphics.Color)	4294615923 (0xFFFAA373)
YUV	183.5410, -33.7907, 58.2845
Hunter-Lab	69.1059, 22.7205, 29.0647

Details

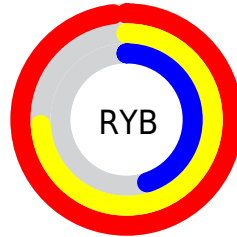
The XYZ color **55.6160, 47.7562, 22.5062** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **45.4447, 52.7852, 98.2353**, and the grayscale version is **45.4623, 47.8299, 52.0868**.

A 20% lighter version of the original color is **73.3793, 74.2300, 47.5061**, and **27.9030, 22.7094, 8.0670** is the 20% darker color. If you saturate the color by 10%, you get **51.6874, 41.8975, 15.0360**, and if you desaturate by 10%, it is **60.3014, 54.5045, 32.1537**.

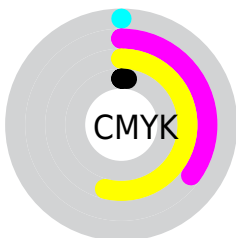
Distribution



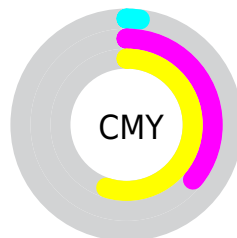
- Red (98%)
- Green (64%)
- Blue (45%)



- Red (98%)
- Yellow (74%)
- Blue (45%)



- Cyan (0%)
- Magenta (35%)
- Yellow (54%)
- Black (2%)





- Cyan (2%)
- Magenta (36%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.6160, 47.7562, 22.5062 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 55.6160, 47.7562, 22.5062 by changing the saturation by 10% instead.


 55.6160, 47.7562,
22.5062


 55.6160, 47.7562,
22.5062


398.3413,
377.8249, 278.2177

 40.1309, 33.6339,
14.0275


 97.5860, 86.8413,
48.4941

 27.8253, 22.6125,
8.0008


 124.8016,
112.5728, 66.8403

 18.3338, 14.3076,
4.0077


 156.6581,
142.9429, 89.3128

 11.2910, 8.3349,
1.6296

193.5208,
178.3359, 116.3301

 6.3317, 4.3100,
0.3118

235.7551,
219.1362, 148.3106

 3.0904, 1.8484,
0.0000

283.7264,

 1.2017, 0.5171,

265.7282, 185.6731

0.0000

337.8000,
318.4963, 228.8359

■ 0.1077, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.6160, 47.7562,
22.5062

■ 55.6160, 47.7562,
22.5062

■ 51.6874, 41.8975,
15.0360

■ 60.3014, 54.5045,
32.1537

■ 48.4660, 36.8810,
9.5656

■ 65.7817, 62.1725,
44.1314

■ 45.9011, 32.6651,
5.8934

■ 72.0965, 70.7977,
58.5814

■ 43.9313, 29.2003,
3.7728

■ 79.2814, 80.4131,
75.6335

42.9882, 27.4520,
3.0330

87.3699, 91.0501,
95.4086

93.2341, 99.0639,
108.8150

Harmonies

Analogous

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



61.9760, 47.7562, 35.0320



55.6160, 47.7562, 22.5062



47.0398, 47.7562, 17.9490

Triad

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



55.6160, 47.7562, 22.5062



30.9952, 47.7562, 47.4702



52.4467, 47.7562, 107.3907

Complementary

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



55.6160, 47.7562, 22.5062



45.4447, 52.7852, 98.2353

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.



43.7809, 47.7562, 113.8500



55.6160, 47.7562, 22.5062



32.0647, 47.7562, 73.7119

Square

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



55.6160, 47.7562, 22.5062



33.3746, 47.7562, 29.1804



36.5027, 47.7562, 99.9993



59.9922, 47.7562, 84.3891

Rectangle

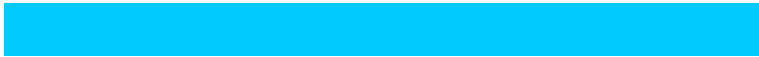
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



55.6160, 47.7562, 22.5062



41.4788, 47.7562, 18.5522



36.5027, 47.7562, 99.9993



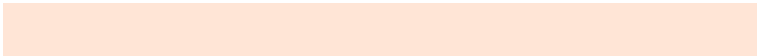
49.5414, 47.7562, 111.8180

Sweetspot

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



55.6172, 47.7586, 22.5071



81.3419, 82.0027, 75.2933



56.3048, 36.8856, 60.4960



17.0710, 17.0993, 15.3052



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.



55.6172, 47.7586, 22.5071



53.6736, 43.2253, 15.0207



70.7459, 78.0161, 27.5500



17.7496, 18.2351, 18.0466



22.9251, 14.8069, 1.6497



2.2192, 1.5633, 0.1848

Inverse Universe

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



45.4447, 52.7852, 98.2353



41.9471, 48.8627, 101.8283



33.0247, 27.9452, 94.0953



17.2162, 18.5092, 22.0505



16.0630, 17.4816, 50.5012



1.5877, 1.8190, 4.7106

Previews

White Background



This preview shows how the XYZ color 55.6160, 47.7562, 22.5062 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 55.6160, 47.7562, 22.5062 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 55.6160, 47.7562, 22.5062

Background



This preview shows how black text looks on a background with the XYZ color 55.6160, 47.7562, 22.5062.



This preview shows how white text looks on a background with the XYZ color 55.6160, 47.7562,

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

55.6160, 47.7562, 22.5062

Protanopia

44.5351, 47.9904, 25.6547

Deuteranopia

48.8814, 47.9085, 22.0002



Tritanopia

59.8294, 47.6749, 43.0946

Trichromacy



Original Color

55.6160, 47.7562, 22.5062

Protanomaly

47.8289, 47.3122, 24.3806

Deuteranomaly

51.1478, 47.6417, 22.1228

Tritanomaly

58.3310, 47.8488, 34.5951

Monochromacy



Original Color

55.6160, 47.7562, 22.5062

Achromatopsia

45.5594, 47.9320, 52.1980

Achromatomaly

47.7958, 46.9638, 39.3467

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.6160, 47.7562, 22.5062 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(250, 163, 115)` looks like.

```
.text, #text, p{  
    color:rgb(250, 163, 115)  
}
```

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(250, 163, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 163, 115) }
```

Border

The CSS property to change the border of an element to XYZ 55.6160, 47.7562, 22.5062 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(250, 163, 115) }
```


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

```
.border{ border-color:rgb(250, 163, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 163, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 163, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 163, 115);  
box-shadow:4px 4px 4px 4px rgb(250, 163,  
115) }
```

Background

The CSS property to change the background color of an element to XYZ 55.6160, 47.7562, 22.5062 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 163, 115) }
```

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

```
.background{ background-color: rgb(250,  
163, 115) }
```

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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