

Converting Colors

XYZ(56.1800, 48.2778, 37.3684)

Have a look what the booklet for
XYZ(56.1800, 48.2778, 37.3684)
contains.

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Color

**XYZ(56.3337, 48.3315,
37.3702)**

Conversions

Conversions Part 1

Format	Color
Hex	F3A59B
RGB	243, 165, 155
RGB Percent	95%, 65%, 61%
CMY	0.0471, 0.3529, 0.3922
CMYK	0.00, 0.32, 0.36, 0.05
HSL	7°, 79%, 78%
HSV	7°, 36%, 95%
XYZ	56.3337, 48.3315, 37.3702
YIQ	187.1820, 49.6980, 13.4260

Conversions

Conversions Part 2

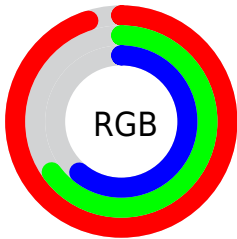
Format	Color
R _Y B	243, 166, 155
Decimal	15967643
CIE Lab	75.03, 27.61, 16.93
CIE LCh	75, 32.386, 31.507
Yxy	48.3315, 0.3966, 0.3403
Android (android.graphics.Color)	4294157723 (0xFFFF3A59B)
YUV	187.1820, -15.8657, 48.9524
Hunter-Lab	69.5209, 22.9795, 16.7939

Details

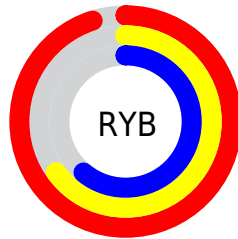
The XYZ color **56.3337, 48.3315, 37.3702** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **58.8331, 71.7149, 95.5356**, and the grayscale version is **47.4050, 49.8738, 54.3125**.

A 20% lighter version of the original color is **78.6051, 77.5764, 71.1524**, and **28.3004, 22.9021, 16.0257** is the 20% darker color. If you saturate the color by 10%, you get **50.9317, 40.4713, 26.4941**, and if you desaturate by 10%, it is **62.8030, 57.6689, 50.6290**.

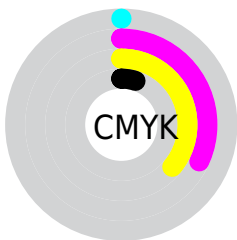
Distribution



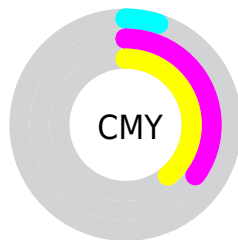
- Red (95%)
- Green (65%)
- Blue (61%)



- Red (95%)
- Yellow (65%)
- Blue (61%)



- Cyan (0%)
- Magenta (32%)
- Yellow (36%)
- Black (5%)





- Cyan (5%)
- Magenta (35%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.3337, 48.3315, 37.3702 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 56.3337, 48.3315, 37.3702 by changing the saturation by 10% instead.


 56.3337, 48.3315,
37.3702


 56.3337, 48.3315,
37.3702


401.0025,
380.1046, 350.1274

 40.7086, 34.0895,
25.1962


 98.6293, 87.6978,
72.3345

 28.2781, 22.9624,
16.0030


 126.0305,
113.5908, 95.9618

 18.6769, 14.5657,
9.3719


158.0877,
144.1363, 124.2441

 11.5397, 8.5152,
4.8844

195.1664,
179.7187, 157.5997

 6.5010, 4.4263,
2.1221

237.6319,
220.7223, 196.4474

 3.1956, 1.9148,
0.6288

285.8495,

 1.2580, 0.5572,

267.5316, 241.2055

0.0000

340.1846,
320.5309, 292.2926

■ 0.1515, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.3337, 48.3315,
37.3702

■ 56.3337, 48.3315,
37.3702

■ 50.9317, 40.4713,
26.4941

■ 62.8030, 57.6689,
50.6290

■ 46.5358, 34.0060,
17.8565

■ 70.3891, 68.5464,
66.3973

■ 43.0841, 28.8556,
11.3018

■ 79.1427, 81.0319,
84.7965

■ 40.5066, 24.9296,
6.6535

■ 89.1105, 95.1872,
105.9393

■ 38.7228, 22.1253,
3.7056

■ 90.7722, 97.7947,
108.6998

■ 37.6369, 20.3235,
2.2034

■ 37.3687, 19.8677,
1.8653

Harmonies

Analogous

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



58.2722, 48.3315, 51.7725



56.3337, 48.3315, 37.3702



51.5803, 48.3315, 28.8727

Triad

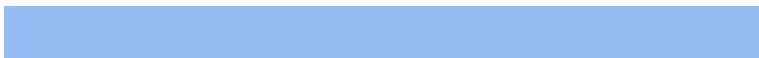
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



56.3337, 48.3315, 37.3702



36.6484, 48.3315, 38.5641



46.2375, 48.3315, 92.3683

Complementary

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



56.3337, 48.3315, 37.3702



58.8331, 71.7149, 95.5356

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.



40.7223, 48.3315, 86.7610



56.3337, 48.3315, 37.3702



35.4794, 48.3315, 53.4864

Square

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



56.3337, 48.3315, 37.3702



40.2459, 48.3315, 29.4508



36.9064, 48.3315, 71.5510



52.1422, 48.3315, 85.5705

Rectangle

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



56.3337, 48.3315, 37.3702



47.6380, 48.3315, 26.5339



36.9064, 48.3315, 71.5510



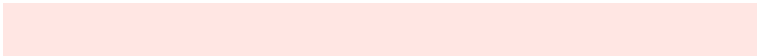
44.2782, 48.3315, 91.8659

Sweetspot

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



56.3350, 48.3338, 37.3712



83.4338, 83.4744, 84.3516



63.5638, 48.4499, 83.9944



17.5761, 17.4643, 17.4619



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.



56.3350, 48.3338, 37.3712



58.5734, 47.7063, 33.0509



65.3860, 66.4359, 40.3882



16.6508, 16.7857, 17.1599



20.5574, 11.0003, 1.0398



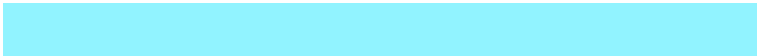
1.8553, 1.0639, 0.1076

Inverse Universe

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



58.8331, 71.7149, 95.5356



61.7000, 77.0939, 106.2364



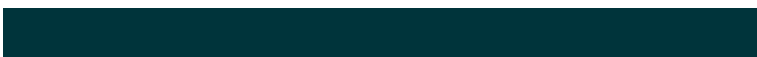
48.1525, 50.3538, 91.9754



16.8264, 18.4171, 21.2106



22.3315, 30.4568, 51.2398



2.0076, 2.7665, 4.5184

Previews

White Background



This preview shows how the XYZ color 56.3337, 48.3315, 37.3702 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 56.3337, 48.3315, 37.3702 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 56.3337, 48.3315, 37.3702

Background



This preview shows how black text looks on a background with the XYZ color 56.3337, 48.3315, 37.3702.



This preview shows how white text looks on a background with the XYZ color 56.3337, 48.3315,

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

56.3337, 48.3315, 37.3702

Protanopia

46.1328, 48.7520, 42.5759

Deuteranopia

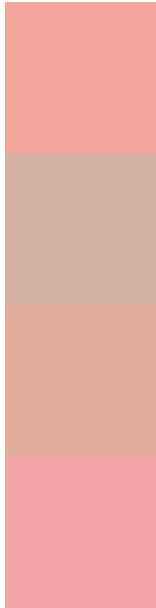
49.4017, 48.4368, 36.8825



Tritanopia

58.2165, 48.3091, 46.3006

Trichromacy



Original Color

56.3337, 48.3315, 37.3702

Protanomaly

49.2174, 48.2629, 40.4398

Deuteranomaly

51.8276, 48.2278, 37.1491

Tritanomaly

57.3805, 48.2175, 42.8418

Monochromacy



Original Color

56.3337, 48.3315, 37.3702

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

49.5901, 48.6007, 47.3246

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.3337, 48.3315, 37.3702 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(243, 165, 155)` looks like.

```
.text, #text, p{  
    color:rgb(243, 165, 155)  
}
```

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(243, 165, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 165, 155) }
```

Border

The CSS property to change the border of an element to XYZ 56.3337, 48.3315, 37.3702 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(243, 165, 155) }
```


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

```
.border{ border-color:rgb(243, 165, 155) }
```

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

Here you see how a box with a 4 pixel rgb(243, 165, 155) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 165, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 165, 155);  
box-shadow:4px 4px 4px 4px rgb(243, 165,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 56.3337, 48.3315, 37.3702 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 165, 155) }
```

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

```
.background{ background-color: rgb(243,  
165, 155) }
```

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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