

Converting Colors

XYZ(56.5940, 49.6575, 34.9917)

Have a look what the booklet for
XYZ(56.5940, 49.6575, 34.9917)
contains.

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Color

**XYZ(56.5749, 49.6005,
35.0258)**

Conversions

Conversions Part 1

Format	Color
Hex	F3A995
RGB	243, 169, 149
RGB Percent	95%, 66%, 58%
CMY	0.0471, 0.3372, 0.4157
CMYK	0.00, 0.30, 0.39, 0.05
HSL	13°, 80%, 77%
HSV	13°, 39%, 95%
XYZ	56.5749, 49.6005, 35.0258
YIQ	188.8460, 50.5240, 9.4680

Conversions

Conversions Part 2

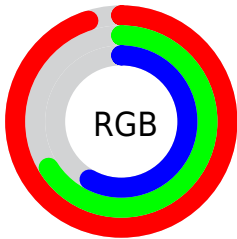
Format	Color
R _Y B	243, 174, 149
Decimal	15968661
CIE Lab	75.82, 24.81, 21.28
CIE LCh	76, 32.682, 40.624
Yxy	49.6005, 0.4007, 0.3513
Android (android.graphics.Color)	4294158741 (0xFFFF3A995)
YUV	188.8460, -19.6441, 47.4931
Hunter-Lab	70.4276, 20.1417, 19.8126

Details

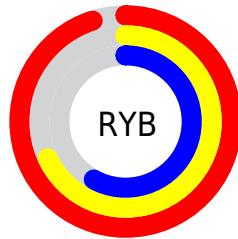
The XYZ color **56.5749, 49.6005, 35.0258** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **54.9587, 65.6335, 94.5659**, and the grayscale version is **48.3713, 50.8904, 55.4197**.

A 20% lighter version of the original color is **78.9447, 79.4222, 67.6691**, and **28.4576, 23.6869, 14.6274** is the 20% darker color. If you saturate the color by 10%, you get **51.5316, 42.3014, 24.7512**, and if you desaturate by 10%, it is **62.5462, 58.1075, 47.6076**.

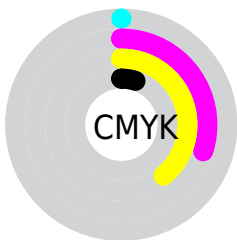
Distribution



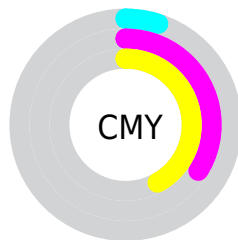
- Red (95%)
- Green (66%)
- Blue (58%)



- Red (95%)
- Yellow (68%)
- Blue (58%)



- Cyan (0%)
- Magenta (30%)
- Yellow (39%)
- Black (5%)





- Cyan (5%)
- Magenta (34%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.5749, 49.6005, 35.0258 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 56.5749, 49.6005, 35.0258 by changing the saturation by 10% instead.

 56.5749, 49.6005,
35.0258

 56.5749, 49.6005,
35.0258


401.8945,
385.1016, 339.5899

 40.9028, 35.0961,
23.3990

 98.9796, 89.5827,
68.6778

 28.4305, 23.7369,
14.6804


 126.4429,
115.8292, 91.5400

 18.7925, 15.1386,
8.4512


158.5674,
146.7586, 118.9846

 11.6236, 8.9167,
4.2931

195.7184,
182.7552, 151.4299

 6.5583, 4.6869,
1.7875

238.2613,
224.2034, 189.2945

 3.2313, 2.0647,
0.4197

286.5613,

 1.2772, 0.6447,

271.4876, 232.9971

0.0000

340.9839,
324.9922, 282.9560

■ 0.1661, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.5749, 49.6005,
35.0258

■ 56.5749, 49.6005,
35.0258

■ 51.5316, 42.3014,
24.7512

■ 62.5462, 58.1075,
47.6076

■ 47.3645, 36.1479,
16.6396

■ 69.4859, 67.8668,
62.6226

■ 44.0226, 31.0827,
10.5353

■ 77.4367, 78.9292,
80.1915

■ 41.4474, 27.0407,
6.2603

■ 86.4376, 91.3408,
100.4257

■ 39.5723, 23.9492,
3.6046

■ 90.7721, 97.7947,
108.6998

■ 38.3098, 21.7220,
2.2655

■ 38.1774, 21.4853,
2.1349

Harmonies

Analogous

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



59.5788, 49.6005, 48.0721



56.5749, 49.6005, 35.0258



51.1255, 49.6005, 28.2002

Triad

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



56.5749, 49.6005, 35.0258



36.9627, 49.6005, 43.6527



49.3298, 49.6005, 94.0003

Complementary

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



56.5749, 49.6005, 35.0258



54.9587, 65.6335, 94.5659

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.



43.3744, 49.6005, 92.1017



56.5749, 49.6005, 35.0258



36.5719, 49.6005, 60.4103

Square

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



56.5749, 49.6005, 35.0258



39.9415, 49.6005, 32.3905



38.8237, 49.6005, 78.8410



55.1636, 49.6005, 83.5775

Rectangle

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



56.5749, 49.6005, 35.0258



47.0168, 49.6005, 26.9908



38.8237, 49.6005, 78.8410



47.2710, 49.6005, 94.8294

Sweetspot

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



56.5762, 49.6029, 35.0268



83.3003, 83.7663, 82.5839



61.1915, 45.9427, 76.3061



17.5778, 17.5794, 17.1188



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.



56.5762, 49.6029, 35.0268



58.8433, 49.1615, 30.3188



66.6367, 69.7239, 38.3803



16.7849, 17.0540, 17.2047



21.0321, 11.9498, 1.1980



1.9203, 1.1939, 0.1292

Inverse Universe

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



54.9587, 65.6335, 94.5659



56.7885, 69.2114, 104.9738



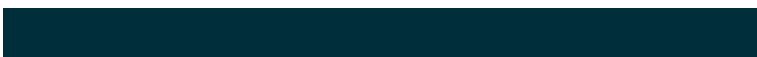
44.3342, 44.3845, 91.0244



16.6799, 18.1240, 21.1617



19.2402, 24.2742, 50.2093



1.7639, 2.2793, 4.4372

Previews

White Background



This preview shows how the XYZ color 56.5749, 49.6005, 35.0258 looks on a white background.

Color Contrast Check

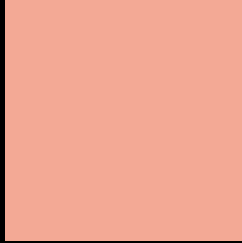
Large Text (above 18pt) WCAG AA × Fail

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 56.5749, 49.6005, 35.0258 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

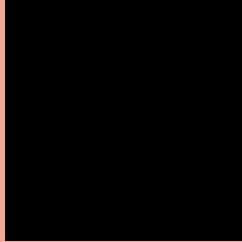
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.5749, 49.6005, 35.0258

Background



This preview shows how black text looks on a background with the XYZ color 56.5749, 49.6005, 35.0258.



This preview shows how white text looks on a background with the XYZ color 56.5749, 49.6005,

35.0258.

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

56.5749, 49.6005, 35.0258

Protanopia

46.9678, 49.8796, 39.5000

Deuteranopia

50.8011, 49.8092, 34.5404



Tritanopia

59.3970, 49.6774, 48.0531

Trichromacy



Original Color

56.5749, 49.6005, 35.0258

Protanomaly

49.9692, 49.3052, 37.8935

Deuteranomaly

52.8655, 49.6828, 34.8204

Tritanomaly

58.2675, 49.4749, 43.0378

Monochromacy



Original Color

56.5749, 49.6005, 35.0258

Achromatopsia

48.3692, 50.8881, 55.4172

Achromatomaly

50.6624, 50.0672, 47.0381

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.5749, 49.6005, 35.0258 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, 169, 149)` looks like.

```
.text, #text, p{  
    color:rgb(243, 169, 149)  
}
```

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, 169, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 169, 149) }
```

Border

The CSS property to change the border of an element to XYZ 56.5749, 49.6005, 35.0258 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, 169, 149) }
```


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

```
.border{ border-color:rgb(243, 169, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 169, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 169, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 169, 149);  
box-shadow:4px 4px 4px 4px rgb(243, 169,  
149) }
```

Background

The CSS property to change the background color of an element to XYZ 56.5749, 49.6005, 35.0258 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 169, 149) }
```

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

```
.background{ background-color: rgb(243,  
169, 149) }
```

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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