

Converting Colors

XYZ(56.3995, 46.7468, 39.3082)

Have a look what the booklet for
XYZ(56.3995, 46.7468, 39.3082)
contains.

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Color

**XYZ(56.3995, 46.7468,
39.3082)**

Conversions

Conversions Part 1

Format	Color
Hex	F59FA0
RGB	245, 159, 160
RGB Percent	96%, 62%, 63%
CMY	0.0392, 0.3764, 0.3725
CMYK	0.00, 0.35, 0.35, 0.04
HSL	359°, 81%, 79%
HSV	359°, 35%, 96%
XYZ	56.3995, 46.7468, 39.3082
YIQ	184.8280, 50.9350, 18.5430

Conversions

Conversions Part 2

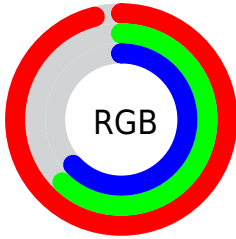
Format	Color
R _Y B	245, 159, 160
Decimal	16097184
CIE Lab	74.03, 32.11, 12.81
CIE LCh	74, 34.572, 21.750
Yxy	46.7468, 0.3959, 0.3282
Android (android.graphics.Color)	4294287264 (0xFFFF59FA0)
YUV	184.8280, -12.2402, 52.7708
Hunter-Lab	68.3716, 27.5936, 13.7732

Details

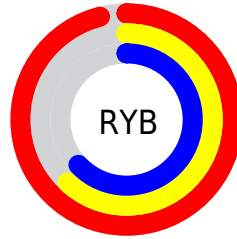
The XYZ color **56.3995, 46.7468, 39.3082** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **63.2817, 79.2084, 97.5456**, and the grayscale version is **46.0657, 48.4647, 52.7780**.

A 20% lighter version of the original color is **77.5523, 74.2594, 74.5360**, and **28.4079, 21.9770, 17.2127** is the 20% darker color. If you saturate the color by 10%, you get **50.6801, 38.3745, 27.9483**, and if you desaturate by 10%, it is **63.3689, 56.9586, 53.1214**.

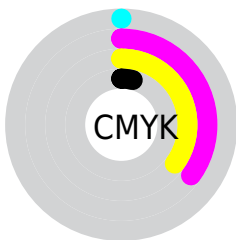
Distribution



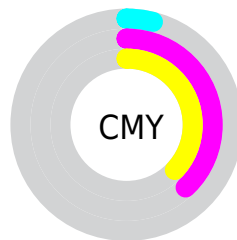
- Red (96%)
- Green (62%)
- Blue (63%)



- Red (96%)
- Yellow (62%)
- Blue (63%)



- Cyan (0%)
- Magenta (35%)
- Yellow (35%)
- Black (4%)





- Cyan (4%)
- Magenta (38%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.3995, 46.7468, 39.3082 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 56.3995, 46.7468, 39.3082 by changing the saturation by 10% instead.


 56.3995, 46.7468,
39.3082


 56.3995, 46.7468,
39.3082


401.2460,
373.8030, 358.6641

 40.7616, 32.8355,
26.6899


 98.7249, 85.3356,
75.3344

 28.3197, 22.0005,
17.1101


 126.1430,
110.7818, 99.5794

 18.7085, 13.8573,
10.1502


158.2186,
140.8419, 128.5371

 11.5626, 8.0215,
5.3918

195.3171,
175.9002, 162.6259

 6.5166, 4.1087,
2.4162

237.8037,
216.3410, 202.2645

 3.2053, 1.7345,
0.7952

286.0438,

 1.2632, 0.4459,

262.5488, 247.8714

0.0000

340.4028,
314.9080, 299.8650

■ 0.1554, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.3995, 46.7468,
39.3082

■ 56.3995, 46.7468,
39.3082

■ 50.6801, 38.3745,
27.9483

■ 63.3689, 56.9586,
53.1214

■ 46.1335, 31.7260,
18.8957

■ 71.6524, 69.1028,
69.5168

■ 42.6794, 26.6834,
11.9933

■ 81.3137, 83.2745,
88.6175

■ 40.2263, 23.1111,
7.0632

■ 91.4662, 98.1525,
108.7323

■ 38.6674, 20.8511,
3.8990

■ 37.8719, 19.7092,
2.2491

■ 37.6718, 19.4187,
1.8441

Harmonies

Analogous

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



57.2507, 46.7468, 55.9375



56.3995, 46.7468, 39.3082



52.1966, 46.7468, 28.5897

Triad

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



56.3995, 46.7468, 39.3082



35.7427, 46.7468, 32.6133



42.7490, 46.7468, 92.5223

Complementary

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



56.3995, 46.7468, 39.3082



63.2817, 79.2084, 97.5456

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.



37.4774, 46.7468, 82.5524



56.3995, 46.7468, 39.3082



33.6846, 46.7468, 46.1731

Square

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



56.3995, 46.7468, 39.3082



40.1746, 46.7468, 25.3943



34.2889, 46.7468, 64.5707



48.9788, 46.7468, 89.4746

Rectangle

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



56.3995, 46.7468, 39.3082



48.2552, 46.7468, 24.9501



34.2889, 46.7468, 64.5707



40.8152, 46.7468, 90.5131

Sweetspot

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



56.4007, 46.7491, 39.3091



82.5985, 81.7320, 84.2943



66.0388, 50.5467, 92.6622



17.3790, 17.0533, 17.4483



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.



56.4007, 46.7491, 39.3091



57.2502, 44.5828, 34.0800



64.7013, 63.4890, 41.6483



16.5069, 16.4856, 17.1501



20.2980, 10.4626, 1.0115



1.7867, 0.9206, 0.1030

Inverse Universe

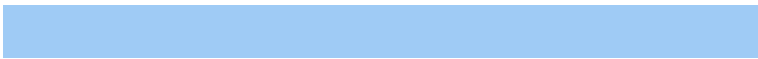
The Inverse Universe completely reimagines the original color for something new.



56.4007, 46.7491, 39.3091



57.2502, 44.5828, 34.0800



52.2399, 56.8825, 94.6124



16.5069, 16.4856, 17.1501



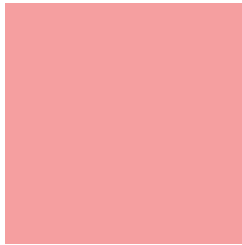
20.2980, 10.4626, 1.0115



1.7867, 0.9206, 0.1030

Previews

White Background



This preview shows how the XYZ color 56.3995, 46.7468, 39.3082 looks on a white background.

Color Contrast Check

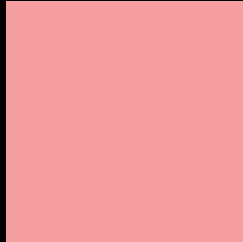
Large Text (above 18pt) WCAG AA × Fail

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 56.3995, 46.7468, 39.3082 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 56.3995, 46.7468, 39.3082

Background



This preview shows how black text looks on a background with the XYZ color 56.3995, 46.7468, 39.3082.



This preview shows how white text looks on a background with the XYZ color 56.3995, 46.7468,

39.3082.

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

56.3995, 46.7468, 39.3082

Protanopia

44.9134, 47.1258, 45.7587

Deuteranopia

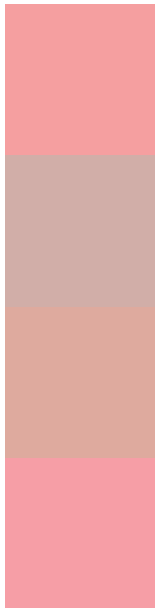
47.9056, 47.0403, 38.4531



Tritanopia

57.3943, 46.9111, 43.5659

Trichromacy



Original Color

56.3995, 46.7468, 39.3082

Protanomaly

48.4984, 46.6546, 43.4949

Deuteranomaly

50.6705, 46.7477, 38.7003

Tritanomaly

57.1158, 46.7997, 42.0993

Monochromacy



Original Color

56.3995, 46.7468, 39.3082

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

49.0939, 47.4507, 47.6457

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.3995, 46.7468, 39.3082 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, 159, 160)` looks like.

```
.text, #text, p{  
    color:rgb(245, 159, 160)  
}
```

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, 159, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 159, 160) }
```

Border

The CSS property to change the border of an element to XYZ 56.3995, 46.7468, 39.3082 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, 159, 160) }
```


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

```
.border{ border-color:rgb(245, 159, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 159, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 159, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 159, 160);  
box-shadow:4px 4px 4px 4px rgb(245, 159,  
160) }
```

Background

The CSS property to change the background color of an element to XYZ 56.3995, 46.7468, 39.3082 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 159, 160) }
```

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

```
.background{ background-color: rgb(245,  
159, 160) }
```

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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