

Converting Colors

XYZ(66.7234, 49.8059, 31.7938)

Have a look what the booklet for
XYZ(66.7234, 49.8059, 31.7938)
contains.

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Color

**XYZ(56.8699, 44.7079,
31.2233)**

Conversions

Conversions Part 1

Format	Color
Hex	FF958E
RGB	255, 149, 142
RGB Percent	100%, 58%, 56%
CMY	0.0000, 0.4157, 0.4431
CMYK	0.00, 0.42, 0.44, 0.00
HSL	4°, 100%, 78%
HSV	4°, 44%, 100%
XYZ	56.8699, 44.7079, 31.2233
YIQ	179.8960, 65.4230, 20.2950

Conversions

Conversions Part 2

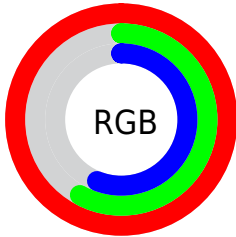
Format	Color
R _Y B	255, 149, 142
Decimal	16749966
CIE Lab	72.70, 39.00, 21.04
CIE LCh	73, 44.316, 28.348
Yxy	44.7079, 0.4282, 0.3367
Android (android.graphics.Color)	4294940046 (0xFFFF958E)
YUV	179.8960, -18.6827, 65.8662
Hunter-Lab	66.8640, 34.8079, 19.1183

Details

The XYZ color **56.8699, 44.7079, 31.2233** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **62.7709, 80.1017, 106.7602**, and the grayscale version is **43.4003, 45.6605, 49.7243**.

A 20% lighter version of the original color is **72.7967, 68.4313, 61.5963**, and **28.6203, 20.7406, 12.6201** is the 20% darker color. If you saturate the color by 10%, you get **51.7663, 37.2222, 21.1325**, and if you desaturate by 10%, it is **63.1908, 53.9274, 43.8811**.

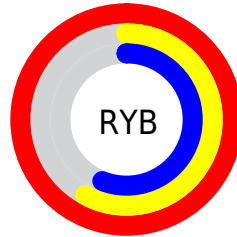
Distribution



Red (100%)

Green (58%)

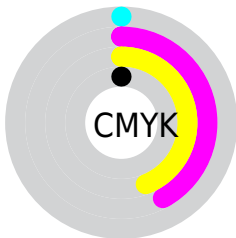
Blue (56%)



Red (100%)

Yellow (58%)

Blue (56%)

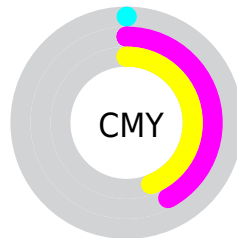


Cyan (0%)

Magenta (42%)

Yellow (44%)

Black (0%)



Cyan (0%)


Magenta (42%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.8699, 44.7079, 31.2233 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 56.8699, 44.7079, 31.2233 by changing the saturation by 10% instead.


 56.8699, 44.7079,
31.2233

 56.8699, 44.7079,
31.2233


402.9837,
365.5893, 321.9487


 41.1405, 31.2274,
20.5091

 99.4078, 82.2819,
62.6752

 28.6171, 20.7721,
12.5779

 126.9470,
107.1442, 84.2498

 18.9341, 12.9575,
7.0112

 159.1536,
136.5693, 110.2818

 11.7264, 7.3993,
3.3906

196.3928,
170.9414, 141.1895

 6.6285, 3.7130,
1.2974

239.0301,
210.6451, 177.3915

 3.2752, 1.5144,
0.0596

287.4307,

 1.3009, 0.2988,

256.0647, 219.3063

0.0000

341.9602,
307.5846, 267.3526

■ 0.1839, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.8699, 44.7079,
31.2233

■ 56.8699, 44.7079,
31.2233

■ 51.7663, 37.2222,
21.1325

■ 63.1908, 53.9274,
43.8811

■ 47.7984, 31.3556,
13.4308

■ 70.7967, 64.9724,
59.2623

■ 44.8800, 26.9903,
7.9217

■ 79.7546, 77.9366,
77.5137

■ 42.9112, 23.9897,
4.3764

■ 90.1257, 92.9048,
98.7711

■ 41.7721, 22.1921,
2.5154

95.0499, 99.9999,
108.9000

■ 41.4224, 21.6249,
1.9908

Harmonies

Analogous

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



59.0415, 44.7079, 49.9097



56.8699, 44.7079, 31.2233



50.7290, 44.7079, 20.8108

Triad

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



56.8699, 44.7079, 31.2233



31.1153, 44.7079, 29.6776



42.0689, 44.7079, 104.4170

Complementary

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



56.8699, 44.7079, 31.2233



62.7709, 80.1017, 106.7602

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.



35.2014, 44.7079, 94.3203



56.8699, 44.7079, 31.2233



29.3683, 44.7079, 47.4693

Square

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



56.8699, 44.7079, 31.2233



35.8563, 44.7079, 20.1260



30.7704, 44.7079, 71.6650



49.9030, 44.7079, 96.2295

Rectangle

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



56.8699, 44.7079, 31.2233



45.5484, 44.7079, 17.8826



30.7704, 44.7079, 71.6650



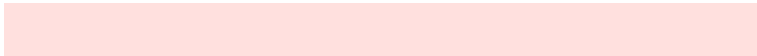
39.5784, 44.7079, 103.0022

Sweetspot

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



56.8710, 44.7102, 31.2241



81.0349, 79.7863, 80.1312



68.0665, 47.4677, 95.4835



16.8873, 16.4164, 16.2161



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.



56.8710, 44.7102, 31.2241



52.3702, 38.1107, 22.3175



67.7511, 66.4702, 34.8508



18.0998, 18.1677, 18.6971



21.6785, 11.3683, 1.0517



2.1410, 1.1674, 0.1125

Inverse Universe

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



62.7709, 80.1017, 106.7602



58.9198, 77.4920, 106.4598



48.2424, 51.0447, 101.9174



18.4527, 20.2771, 23.1913



25.6303, 36.1702, 55.0653



2.5236, 3.5779, 5.3709

Previews

White Background



This preview shows how the XYZ color 56.8699, 44.7079, 31.2233 looks on a white background.

Color Contrast Check

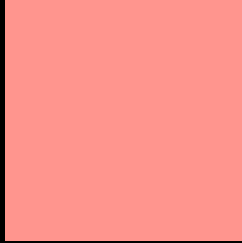
Large Text (above 18pt) WCAG AA × Fail

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 56.8699, 44.7079, 31.2233 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 56.8699, 44.7079, 31.2233

Background



This preview shows how black text looks on a background with the XYZ color 56.8699, 44.7079, 31.2233.



This preview shows how white text looks on a background with the XYZ color 56.8699, 44.7079,

31.2233.

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

56.8699, 44.7079, 31.2233

Protanopia

42.4147, 44.8059, 37.8654

Deuteranopia

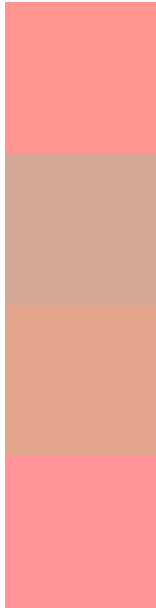
45.9183, 45.0417, 30.3185



Tritanopia

57.8453, 44.5961, 37.9069

Trichromacy



Original Color

56.8699, 44.7079, 31.2233

Protanomaly

46.5560, 43.8688, 35.2919

Deuteranomaly

49.2997, 44.5838, 30.4332

Tritanomaly

57.4974, 44.7068, 35.3046

Monochromacy



Original Color

56.8699, 44.7079, 31.2233

Achromatopsia

43.3819, 45.6411, 49.7032

Achromatomaly

46.8030, 44.3945, 42.1786

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.8699, 44.7079, 31.2233 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(255, 149, 142)` looks like.

```
.text, #text, p{  
    color:rgb(255, 149, 142)  
}
```

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(255, 149, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 149, 142) }
```

Border

The CSS property to change the border of an element to XYZ 56.8699, 44.7079, 31.2233 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(255, 149, 142) }
```


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

```
.border{ border-color:rgb(255, 149, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 149, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 149, 142); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 149, 142); box-shadow:4px 4px 4px 4px rgb(255, 149, 142) }
```

Background

The CSS property to change the background color of an element to XYZ 56.8699, 44.7079, 31.2233 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 149, 142) }
```

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

```
.background{ background-color: rgb(255,  
149, 142) }
```

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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