

Converting Colors

XYZ(56.6316, 44.1106, 31.5160)

Have a look what the booklet for
XYZ(56.6316, 44.1106, 31.5160)
contains.

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Color

**XYZ(56.6316, 44.1106,
31.5160)**

Conversions

Conversions Part 1

Format	Color
Hex	FF938F
RGB	255, 147, 143
RGB Percent	100%, 58%, 56%
CMY	0.0000, 0.4235, 0.4392
CMYK	0.00, 0.42, 0.44, 0.00
HSL	2°, 100%, 78%
HSV	2°, 44%, 100%
XYZ	56.6316, 44.1106, 31.5160
YIQ	178.8360, 65.6520, 21.6520

Conversions

Conversions Part 2

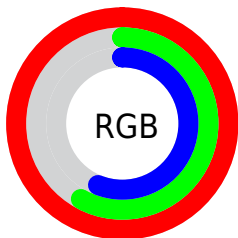
Format	Color
R _Y B	255, 147, 143
Decimal	16749455
CIE Lab	72.30, 40.12, 19.95
CIE LCh	72, 44.808, 26.435
Yxy	44.1106, 0.4282, 0.3335
Android (android.graphics.Color)	4294939535 (0xFFFF938F)
YUV	178.8360, -17.6671, 66.7958
Hunter-Lab	66.4158, 35.9762, 18.3564

Details

The XYZ color **56.6316, 44.1106, 31.5160** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **63.8730, 82.0501, 107.0782**, and the grayscale version is **42.8282, 45.0586, 49.0688**.

A 20% lighter version of the original color is **72.4386, 67.5323, 62.0404**, and **28.4842, 20.3978, 12.7918** is the 20% darker color. If you saturate the color by 10%, you get **51.4915, 36.5784, 21.3310**, and if you desaturate by 10%, it is **63.0301, 53.4570, 44.2872**.

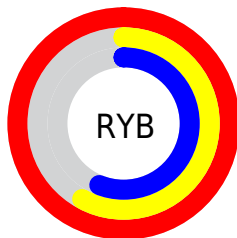
Distribution



Red (100%)

Green (58%)

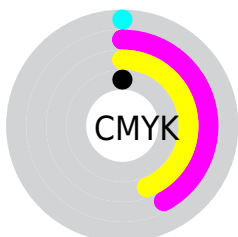
Blue (56%)



Red (100%)

Yellow (58%)

Blue (56%)

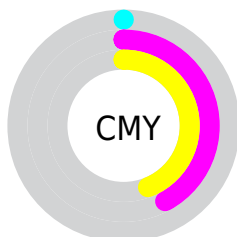


Cyan (0%)

Magenta (42%)

Yellow (44%)

Black (0%)



Cyan (0%)


Magenta (42%)


Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.6316, 44.1106, 31.5160 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 56.6316, 44.1106, 31.5160 by changing the saturation by 10% instead.


 56.6316, 44.1106,
31.5160

 56.6316, 44.1106,
31.5160


402.1040,
363.1594, 323.3330

 40.9485, 30.7575,
20.7303

 99.0619, 81.3841,
63.1406

 28.4664, 20.4142,
12.7377


 126.5399,
106.0733, 84.8167

 18.8197, 12.6965,
7.1196

158.6801,
135.3100, 110.9599

 11.6433, 7.2199,
3.4574

195.8481,
169.4786, 141.9889

 6.5718, 3.6000,
1.3327

238.4091,
208.9634, 178.3221

 3.2397, 1.4524,
0.0883

286.7285,

 1.2818, 0.2549,

254.1489, 220.3782

0.0000

341.1717,
305.4194, 268.5757

■ 0.1695, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.6316, 44.1106,
31.5160

■ 56.6316, 44.1106,
31.5160

■ 51.4915, 36.5784,
21.3310

■ 63.0301, 53.4570,
44.2872

■ 47.5236, 30.7365,
13.5535

■ 70.7588, 64.7175,
59.8019

■ 44.6367, 26.4564,
7.9861

■ 79.8881, 77.9928,
78.2078

■ 42.7241, 23.5880,
4.3991

■ 90.4825, 93.3746,
99.6412

■ 41.6577, 21.9519, 95.0499, 99.9999,
2.5124 108.9000

■ 41.3389, 21.4579,
1.9630

Harmonies

Analogous

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



58.5087, 44.1106, 50.7147



56.6316, 44.1106, 31.5160



50.6569, 44.1106, 20.6507

Triad

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



56.6316, 44.1106, 31.5160



30.7584, 44.1106, 28.1911



41.0117, 44.1106, 104.0033

Complementary

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



56.6316, 44.1106, 31.5160



63.8730, 82.0501, 107.0782

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.



34.2604, 44.1106, 92.7384



56.6316, 44.1106, 31.5160



28.8157, 44.1106, 45.4397

Square

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



56.6316, 44.1106, 31.5160



35.6734, 44.1106, 19.1845



30.0154, 44.1106, 69.4888



48.8691, 44.1106, 96.8881

Rectangle

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



56.6316, 44.1106, 31.5160



45.4957, 44.1106, 17.4748



30.0154, 44.1106, 69.4888



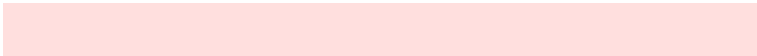
38.5477, 44.1106, 102.1715

Sweetspot

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



56.6327, 44.1128, 31.5168



80.8019, 79.3203, 80.0535



68.5171, 47.8871, 97.1190



16.8308, 16.3034, 16.1973



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.



56.6327, 44.1128, 31.5168



51.9148, 37.1998, 22.1657



67.4910, 65.8293, 35.1362



18.0615, 18.0911, 18.6843



21.6230, 11.2573, 1.0332



2.1229, 1.1311, 0.1064

Inverse Universe

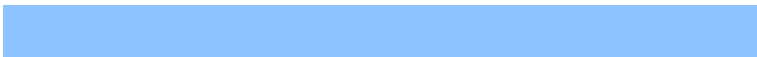
The Inverse Universe completely reimagines the original color for something new.



63.8730, 82.0501, 107.0782



60.0121, 79.6767, 106.8239



48.9529, 52.2098, 102.1048



18.4959, 20.3634, 23.2056



26.6571, 38.2238, 55.4075



2.6122, 3.7552, 5.4004

Previews

White Background



This preview shows how the XYZ color 56.6316, 44.1106, 31.5160 looks on a white background.

Color Contrast Check

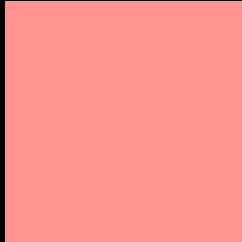
Large Text (above 18pt) WCAG AA × Fail

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 56.6316, 44.1106, 31.5160 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

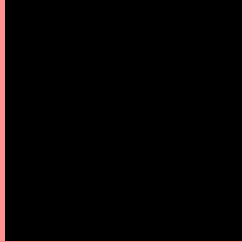
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.6316, 44.1106, 31.5160

Background



This preview shows how black text looks on a background with the XYZ color 56.6316, 44.1106, 31.5160.



This preview shows how white text looks on a background with the XYZ color 56.6316, 44.1106,

31.5160.

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

56.6316, 44.1106, 31.5160

Protanopia

42.1434, 44.3520, 38.6873

Deuteranopia

45.2355, 44.3998, 30.6119



Tritanopia

57.5196, 44.2181, 36.9558

Trichromacy



Original Color

56.6316, 44.1106, 31.5160

Protanomaly

46.2500, 43.4212, 36.0805

Deuteranomaly

48.7053, 43.7417, 30.6869

Tritanomaly

57.1048, 44.0521, 34.7713

Monochromacy



Original Color

56.6316, 44.1106, 31.5160

Achromatopsia

42.8472, 45.0786, 49.0906

Achromatomaly

46.4338, 43.6560, 42.0555

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.6316, 44.1106, 31.5160 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, 147, 143)` looks like.

```
.text, #text, p{  
    color:rgb(255, 147, 143)  
}
```

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, 147, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 147, 143) }
```

Border

The CSS property to change the border of an element to XYZ 56.6316, 44.1106, 31.5160 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, 147, 143) }
```


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

```
.border{ border-color:rgb(255, 147, 143) }
```

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

Here you see how a box with a 4 pixel rgb(255, 147, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 147, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 147, 143);  
box-shadow:4px 4px 4px 4px rgb(255, 147,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 56.6316, 44.1106, 31.5160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 147, 143) }
```

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

```
.background{ background-color: rgb(255,  
147, 143) }
```

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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