

Converting Colors

XYZ(79.6545, 55.5931, 32.0011)

Have a look what the booklet for
XYZ(79.6545, 55.5931, 32.0011)
contains.

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Color

**XYZ(56.2479, 43.4638,
31.0159)**

Conversions

Conversions Part 1

Format	Color
Hex	FF918E
RGB	255, 145, 142
RGB Percent	100%, 57%, 56%
CMY	0.0000, 0.4313, 0.4431
CMYK	0.00, 0.43, 0.44, 0.00
HSL	2°, 100%, 78%
HSV	2°, 44%, 100%
XYZ	56.2479, 43.4638, 31.0159
YIQ	177.5480, 66.5230, 22.3870

Conversions

Conversions Part 2

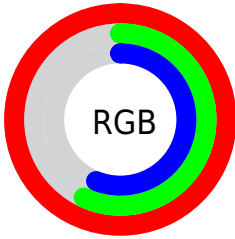
Format	Color
R _Y B	255, 145, 142
Decimal	16748942
CIE Lab	71.87, 41.04, 19.90
CIE LCh	72, 45.612, 25.872
Yxy	43.4638, 0.4303, 0.3325
Android (android.graphics.Color)	4294939022 (0xFFFF918E)
YUV	177.5480, -17.5252, 67.9254
Hunter-Lab	65.9271, 36.9209, 18.2555

Details

The XYZ color **56.2479, 43.4638, 31.0159** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **64.0139, 82.5877, 107.1747**, and the grayscale version is **42.1443, 44.3391, 48.2853**.

A 20% lighter version of the original color is **71.8581, 66.5541, 61.2834**, and **28.2646, 20.0291, 12.5015** is the 20% darker color. If you saturate the color by 10%, you get **51.1604, 36.0103, 20.9304**, and if you desaturate by 10%, it is **62.6041, 52.7539, 43.6854**.

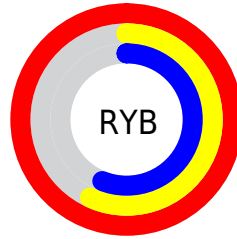
Distribution



Red (100%)

Green (57%)

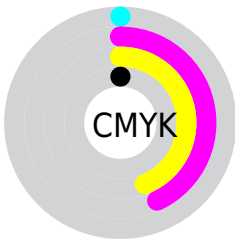
Blue (56%)



Red (100%)

Yellow (57%)

Blue (56%)

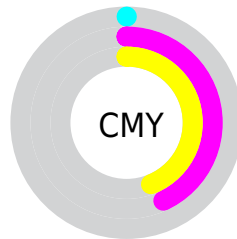


Cyan (0%)

Magenta (43%)

Yellow (44%)

Black (0%)



Cyan (0%)


Magenta (43%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.2479, 43.4638, 31.0159 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 56.2479, 43.4638, 31.0159 by changing the saturation by 10% instead.


 56.2479, 43.4638,
31.0159


 56.2479, 43.4638,
31.0159


400.6850,
360.5157, 320.9650

 40.6395, 30.2492,
20.3524

 98.5047, 80.4103,
62.3450

 28.2239, 20.0278,
12.4648


 125.8837,
104.9109, 83.8476

 18.6358, 12.4153,
6.9347


157.9170,
133.9424, 109.8004

 11.5099, 7.0271,
3.3435

194.9700,
167.8891, 140.6218

 6.4807, 3.4791,
1.2726

237.4079,
207.1354, 176.7305

 3.1829, 1.3867,
0.0392

285.5961,

 1.2512, 0.2069,

252.0656, 218.5449

0.0000

339.9000,
303.0643, 266.4835

■ 0.1463, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.2479, 43.4638,
31.0159

■ 56.2479, 43.4638,
31.0159

■ 51.1604, 36.0103,
20.9304

■ 62.6041, 52.7539,
43.6854

■ 47.2534, 30.2655,
13.2491

■ 70.3026, 63.9840,
59.0974

■ 44.4329, 26.0960,
7.7726

■ 79.4153, 77.2579,
77.4005

■ 42.5891, 23.3454,
4.2690

■ 90.0083, 92.6699,
98.7318

■ 41.5890, 21.8257, 95.0499, 100.0000,
2.4543 108.9000

■ 41.3136, 21.4072,
1.9545

Harmonies

Analogous

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



58.0570, 43.4638, 50.4689



56.2479, 43.4638, 31.0159



50.2632, 43.4638, 20.0273

Triad

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



56.2479, 43.4638, 31.0159



30.1470, 43.4638, 27.1660



40.2459, 43.4638, 104.0418

Complementary

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



56.2479, 43.4638, 31.0159



64.0139, 82.5877, 107.1747

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.



33.4904, 43.4638, 92.2585



56.2479, 43.4638, 31.0159



28.1412, 43.4638, 44.3139

Square

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



56.2479, 43.4638, 31.0159



35.1346, 43.4638, 18.3425



29.2845, 43.4638, 68.5343



48.1720, 43.4638, 97.1442

Rectangle

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



56.2479, 43.4638, 31.0159



45.0623, 43.4638, 16.7979



29.2845, 43.4638, 68.5343



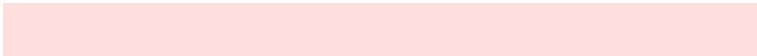
37.7740, 43.4638, 102.0561

Sweetspot

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



56.2490, 43.4660, 31.0167



80.7208, 79.1581, 80.0265



68.6613, 47.7056, 98.6151



16.8111, 16.2641, 16.1908



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.



56.2490, 43.4660, 31.0167



51.7594, 36.8891, 22.1139



66.8658, 64.6995, 34.5556



18.0481, 18.0644, 18.6799



21.6040, 11.2193, 1.0269



2.1165, 1.1184, 0.1043

Inverse Universe

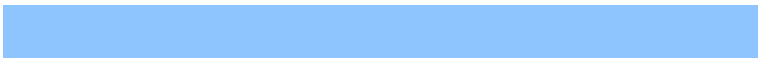
The Inverse Universe completely reimagines the original color for something new.



64.0139, 82.5877, 107.1747



60.3986, 80.4497, 106.9527



49.0849, 52.7297, 102.1984



18.5110, 20.3936, 23.2107



27.0246, 38.9587, 55.5300



2.6439, 3.8184, 5.4110

Previews

White Background



This preview shows how the XYZ color 56.2479, 43.4638, 31.0159 looks on a white background.

Color Contrast Check

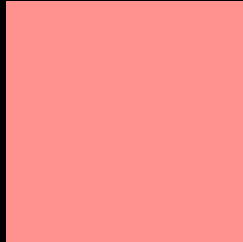
Large Text (above 18pt) WCAG AA × Fail

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 56.2479, 43.4638, 31.0159 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 56.2479, 43.4638, 31.0159

Background



This preview shows how black text looks on a background with the XYZ color 56.2479, 43.4638, 31.0159.



This preview shows how white text looks on a background with the XYZ color 56.2479, 43.4638,

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

56.2479, 43.4638, 31.0159

Protanopia

41.3783, 43.6753, 38.1476

Deuteranopia

44.5075, 43.4763, 30.0907



Tritanopia

57.0460, 43.5396, 35.9692

Trichromacy



Original Color

56.2479, 43.4638, 31.0159



Protanomaly

45.7010, 42.8789, 35.5735



Deuteranomaly

47.9715, 42.8530, 30.1692



Tritanomaly

56.7183, 43.4085, 34.2435

Monochromacy



Original Color

56.2479, 43.4638, 31.0159



Achromatopsia

42.3164, 44.5201, 48.4824



Achromatomaly

45.8813, 43.1109, 41.5003

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.2479, 43.4638, 31.0159 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, 145, 142)` looks like.

```
.text, #text, p{  
    color:rgb(255, 145, 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, 145, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 145, 142) }
```

Border

The CSS property to change the border of an element to XYZ 56.2479, 43.4638, 31.0159 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, 145, 142) }
```


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

```
.border{ border-color:rgb(255, 145, 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, 145, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 145, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 145, 142);  
box-shadow:4px 4px 4px 4px rgb(255, 145,  
142) }
```

Background

The CSS property to change the background color of an element to XYZ 56.2479, 43.4638, 31.0159 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 145, 142) }
```

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

```
.background{ background-color: rgb(255,  
145, 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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