

Converting Colors

XYZ(61.7658, 44.4810, 31.2434)

Have a look what the booklet for
XYZ(61.7658, 44.4810, 31.2434)
contains.

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Color

**XYZ(55.1436, 41.1345,
31.0200)**

Conversions

Conversions Part 1

Format	Color
Hex	FF898F
RGB	255, 137, 143
RGB Percent	100%, 54%, 56%
CMY	0.0000, 0.4627, 0.4392
CMYK	0.00, 0.46, 0.44, 0.00
HSL	357°, 100%, 77%
HSV	357°, 46%, 100%
XYZ	55.1436, 41.1345, 31.0200
YIQ	172.9660, 68.4020, 26.8820

Conversions

Conversions Part 2

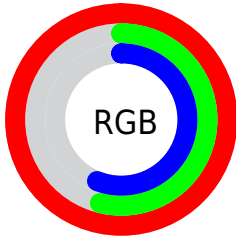
Format	Color
R _Y B	255, 137, 143
Decimal	16746895
CIE Lab	70.27, 45.17, 17.14
CIE LCh	70, 48.308, 20.783
Yxy	41.1345, 0.4332, 0.3231
Android (android.graphics.Color)	4294936975 (0xFFFF898F)
YUV	172.9660, -14.7732, 71.9438
Hunter-Lab	64.1362, 41.2341, 16.2192

Details

The XYZ color **55.1436, 41.1345, 31.0200** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **63.1775, 83.6788, 102.4494**, and the grayscale version is **39.7528, 41.8231, 45.5453**.

A 20% lighter version of the original color is **70.1677, 62.9905, 61.2835**, and **27.6518, 18.7331, 12.5144** is the 20% darker color. If you saturate the color by 10%, you get **50.2975, 34.0669, 21.3133**, and if you desaturate by 10%, it is **61.2439, 50.0774, 43.0970**.

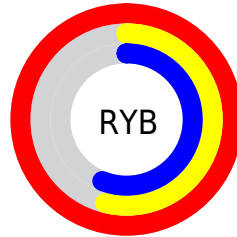
Distribution



Red (100%)

Green (54%)

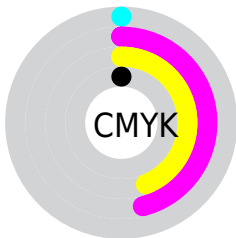
Blue (56%)



Red (100%)

Yellow (54%)

Blue (56%)

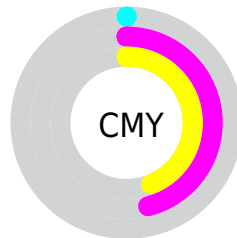


Cyan (0%)

Magenta (46%)

Yellow (44%)

Black (0%)



Cyan (0%)


Magenta (46%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.1436, 41.1345, 31.0200 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 55.1436, 41.1345, 31.0200 by changing the saturation by 10% instead.


 55.1436, 41.1345,
31.0200


 55.1436, 41.1345,
31.0200


396.5836,
350.8824, 320.9845


 39.7510, 28.4242,
20.3555


 96.8984, 76.8880,
62.3515

 27.5278, 18.6457,
12.4671


 123.9913,
100.7000, 83.8556

 18.1086, 11.4145,
6.9362


 155.7151,
128.9814, 109.8099

 11.1282, 6.3464,
3.3444

192.4350,
162.1165, 140.6331

 6.2210, 3.0568,
1.2731

234.5165,
200.4898, 176.7435

 3.0219, 1.1615,
0.0396

282.3248,

 1.1653, 0.0299,

244.4856, 218.5599

0.0000

336.2254,
294.4884, 266.5007

■ 0.0787, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.1436, 41.1345,
31.0200

■ 55.1436, 41.1345,
31.0200

■ 50.2975, 34.0669,
21.3133

■ 61.2439, 50.0774,
43.0970

■ 46.6154, 28.7356,
13.8191

■ 68.6739, 61.0093,
57.6838

■ 44.0003, 24.9922,
8.3635

■ 77.5070, 74.0421,
74.9116

■ 42.3379, 22.6612,
4.7463

■ 87.8100, 89.2778,
94.9020

■ 41.4877, 21.5242, 95.0499, 100.0000,
2.7259 108.9000

■ 41.3123, 21.2889,
2.3110

Harmonies

Analogous

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



56.1492, 41.1345, 52.1485



55.1436, 41.1345, 31.0200



49.5443, 41.1345, 18.7726

Triad

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



55.1436, 41.1345, 31.0200



28.4401, 41.1345, 22.4750



36.7068, 41.1345, 103.1496

Complementary

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



55.1436, 41.1345, 31.0200



63.1775, 83.6788, 102.4494

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.



30.2326, 41.1345, 87.8192



55.1436, 41.1345, 31.0200



25.9026, 41.1345, 38.1558

Square

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



55.1436, 41.1345, 31.0200



33.9358, 41.1345, 15.1235



26.5113, 41.1345, 62.1258



44.7569, 41.1345, 99.2310

Rectangle

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



55.1436, 41.1345, 31.0200



44.3301, 41.1345, 14.9266



26.5113, 41.1345, 62.1258



34.2931, 41.1345, 99.9257

Sweetspot

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



55.1447, 41.1366, 31.0208



79.7161, 77.3062, 79.2060



65.4016, 44.9119, 99.8294



16.6130, 15.8825, 16.0796



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.



55.1447, 41.1366, 31.0208



50.4134, 34.2354, 21.5470



63.7684, 59.0915, 31.7146



18.0468, 18.0020, 18.8635



21.6020, 11.1301, 1.2887



2.1159, 1.0887, 0.1916

Inverse Universe

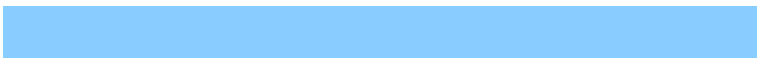
The Inverse Universe completely reimagines the original color for something new.



55.1447, 41.1366, 31.0208



50.4134, 34.2354, 21.5470



49.9296, 55.6628, 102.7200



18.0468, 18.0020, 18.8635



21.6020, 11.1301, 1.2887



2.1159, 1.0887, 0.1916

Previews

White Background



This preview shows how the XYZ color 55.1436, 41.1345, 31.0200 looks on a white background.

Color Contrast Check

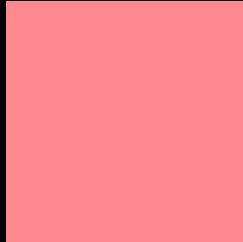
Large Text (above 18pt) WCAG AA × Fail

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 55.1436, 41.1345, 31.0200 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 55.1436, 41.1345, 31.0200

Background



This preview shows how black text looks on a background with the XYZ color 55.1436, 41.1345, 31.0200.



This preview shows how white text looks on a background with the XYZ color 55.1436, 41.1345,

31.0200.

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

55.1436, 41.1345, 31.0200

Protanopia

39.5456, 41.5432, 39.6526

Deuteranopia

42.1300, 41.1628, 29.7695



Tritanopia

55.3740, 41.2266, 32.2331

Trichromacy



Original Color

55.1436, 41.1345, 31.0200



Protanomaly

43.6845, 40.2512, 36.0387



Deuteranomaly

46.2738, 40.7083, 30.2295



Tritanomaly

55.2965, 41.1957, 31.8252

Monochromacy



Original Color

55.1436, 41.1345, 31.0200



Achromatopsia

39.7200, 41.7885, 45.5077



Achromatomaly

43.7210, 40.4468, 39.6851

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.1436, 41.1345, 31.0200 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, 137, 143)` looks like.

```
.text, #text, p{  
    color:rgb(255, 137, 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, 137, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 137, 143) }
```

Border

The CSS property to change the border of an element to XYZ 55.1436, 41.1345, 31.0200 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, 137, 143) }
```


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

```
.border{ border-color:rgb(255, 137, 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, 137, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 137, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 137, 143);  
box-shadow:4px 4px 4px 4px rgb(255, 137,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 55.1436, 41.1345, 31.0200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 137, 143) }
```

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

```
.background{ background-color: rgb(255,  
137, 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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