

Converting Colors

XYZ(106.7570, 68.2659,
33.0288)

Have a look what the booklet for
XYZ(106.7570, 68.2659, 33.0288)
contains.

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Color

**XYZ(55.3551, 41.6782,
30.7184)**

Conversions

Conversions Part 1

Format	Color
Hex	FF8B8E
RGB	255, 139, 142
RGB Percent	100%, 55%, 56%
CMY	0.0000, 0.4549, 0.4431
CMYK	0.00, 0.45, 0.44, 0.00
HSL	358°, 100%, 77%
HSV	358°, 45%, 100%
XYZ	55.3551, 41.6782, 30.7184
YIQ	174.0260, 68.1730, 25.5250

Conversions

Conversions Part 2

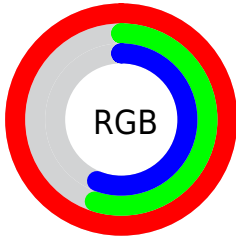
Format	Color
R _Y B	255, 139, 142
Decimal	16747406
CIE Lab	70.65, 44.07, 18.22
CIE LCh	71, 47.685, 22.465
Yxy	41.6782, 0.4333, 0.3262
Android (android.graphics.Color)	4294937486 (0xFFFF8B8E)
YUV	174.0260, -15.7888, 71.0142
Hunter-Lab	64.5587, 40.0752, 16.9796

Details

The XYZ color **55.3551, 41.6782, 30.7184** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **63.9802, 84.0381, 104.9492**, and the grayscale version is **40.3006, 42.3994, 46.1729**.

A 20% lighter version of the original color is **70.4956, 63.8291, 60.8293**, and **27.7652, 19.0304, 12.3351** is the 20% darker color. If you saturate the color by 10%, you get **50.4221, 34.4718, 20.8750**, and if you desaturate by 10%, it is **61.5669, 50.7770, 43.0392**.

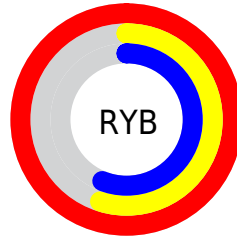
Distribution



Red (100%)

Green (55%)

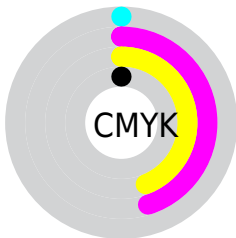
Blue (56%)



Red (100%)

Yellow (55%)

Blue (56%)

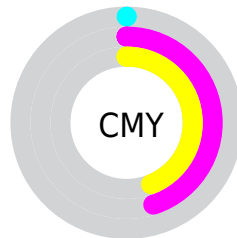


Cyan (0%)

Magenta (45%)

Yellow (44%)

Black (0%)



Cyan (0%)


Magenta (45%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.3551, 41.6782, 30.7184 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 55.3551, 41.6782, 30.7184 by changing the saturation by 10% instead.


 55.3551, 41.6782,
30.7184

 55.3551, 41.6782,
30.7184


397.3711,
353.1472, 319.5498


 39.9211, 28.8494,
20.1278


 97.2063, 77.7124,
61.8708

 27.6609, 18.9669,
12.3030


 124.3542,
101.6865, 83.2698

 18.2094, 11.6464,
6.8254


 156.1375,
130.1446, 109.1086

 11.2010, 6.5034,
3.2763

192.9214,
163.4709, 139.8058

 6.2705, 3.1535,
1.2374

235.0714,
202.0500, 175.7800

 3.0525, 1.2124,
0.0097

282.9528,

 1.1816, 0.0718,

246.2661, 217.4497

0.0000

336.9309,
296.5037, 265.2335

■ 0.0917, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.3551, 41.6782,
30.7184

■ 55.3551, 41.6782,
30.7184

■ 50.4221, 34.4718,
20.8750

■ 61.5669, 50.7770,
43.0392

■ 46.6759, 29.0189,
13.3393

■ 69.1345, 61.8818,
57.9868

■ 44.0177, 25.1716,
7.9240

■ 78.1326, 75.1047,
75.7019

■ 42.3311, 22.7553,
4.4116

■ 88.6296, 90.5477,
96.3140

■ 41.4730, 21.5541, 95.0499, 100.0000,
2.5379 108.9000

■ 41.2760, 21.2744,
2.1199

Harmonies

Analogous

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



56.6404, 41.6782, 51.3206



55.3551, 41.6782, 30.7184



49.5958, 41.6782, 18.9076

Triad

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



55.3551, 41.6782, 30.7184



28.7589, 41.6782, 23.7204



37.6573, 41.6782, 103.5300

Complementary

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



55.3551, 41.6782, 30.7184



63.9802, 84.0381, 104.9492

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.



31.0701, 41.6782, 89.2974



55.3551, 41.6782, 30.7184



26.3953, 41.6782, 39.9174

Square

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



55.3551, 41.6782, 30.7184



34.0942, 41.6782, 15.9036



27.1814, 41.6782, 64.0931



45.6993, 41.6782, 98.5475

Rectangle

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



55.3551, 41.6782, 30.7184



44.3635, 41.6782, 15.2766



27.1814, 41.6782, 64.0931



35.2160, 41.6782, 100.7070

Sweetspot

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



55.3562, 41.6803, 30.7192



79.5975, 77.2588, 78.5812



67.1154, 46.2213, 99.9918



16.5846, 15.8712, 15.9301



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.



55.3562, 41.6803, 30.7192



50.6343, 34.7813, 21.2998



65.0009, 61.3248, 32.8398



18.0284, 17.9947, 18.7666



21.5758, 11.1196, 1.1509



2.1071, 1.0852, 0.1457

Inverse Universe

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



55.3562, 41.6803, 30.7192



50.6343, 34.7813, 21.2998



49.5550, 54.4223, 102.5003



18.0284, 17.9947, 18.7666



21.5758, 11.1196, 1.1509



2.1071, 1.0852, 0.1457

Previews

White Background



This preview shows how the XYZ color 55.3551, 41.6782, 30.7184 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 55.3551, 41.6782, 30.7184 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 55.3551, 41.6782, 30.7184

Background



This preview shows how black text looks on a background with the XYZ color 55.3551, 41.6782, 30.7184.



This preview shows how white text looks on a background with the XYZ color 55.3551, 41.6782,

30.7184.

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

55.3551, 41.6782, 30.7184

Protanopia

40.0240, 42.0936, 38.8163

Deuteranopia

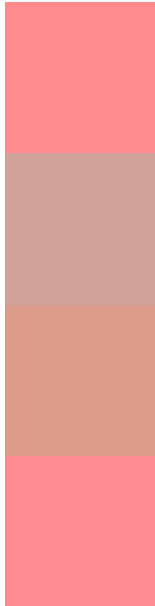
42.5087, 41.6351, 29.4628



Tritanopia

55.6738, 41.5751, 33.1074

Trichromacy



Original Color

55.3551, 41.6782, 30.7184

Protanomaly

44.2268, 41.0550, 35.7304

Deuteranomaly

46.3675, 41.0132, 29.8986

Tritanomaly

55.5168, 41.5123, 32.2807

Monochromacy



Original Color

55.3551, 41.6782, 30.7184

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

43.8951, 40.7949, 39.7431

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.3551, 41.6782, 30.7184 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, 139, 142)` looks like.

```
.text, #text, p{  
    color:rgb(255, 139, 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, 139, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 139, 142) }
```

Border

The CSS property to change the border of an element to XYZ 55.3551, 41.6782, 30.7184 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, 139, 142) }
```


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

```
.border{ border-color:rgb(255, 139, 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, 139, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 139, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 139, 142);  
box-shadow:4px 4px 4px 4px rgb(255, 139,  
142) }
```

Background

The CSS property to change the background color of an element to XYZ 55.3551, 41.6782, 30.7184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 139, 142) }
```

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

```
.background{ background-color: rgb(255,  
139, 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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