

Converting Colors

XYZ(73.3381, 52.1513, 30.4885)

Have a look what the booklet for
XYZ(73.3381, 52.1513, 30.4885)
contains.

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Color

**XYZ(55.8735, 43.0706,
29.7947)**

Conversions

Conversions Part 1

Format	Color
Hex	FF908B
RGB	255, 144, 139
RGB Percent	100%, 56%, 55%
CMY	0.0000, 0.4353, 0.4549
CMYK	0.00, 0.44, 0.45, 0.00
HSL	3°, 100%, 77%
HSV	3°, 45%, 100%
XYZ	55.8735, 43.0706, 29.7947
YIQ	176.6190, 67.7610, 21.9770

Conversions

Conversions Part 2

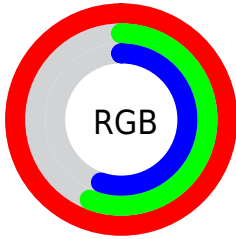
Format	Color
R_{YB}	255, 144, 139
Decimal	16748683
CIE _{Lab}	71.60, 41.25, 21.20
CIE _{LCh}	72, 46.379, 27.194
Yxy	43.0706, 0.4340, 0.3346
Android (android.graphics.Color)	4294938763 (0xFFFF908B)
YUV	176.6190, -18.5462, 68.7401
Hunter-Lab	65.6282, 37.1192, 19.0225

Details

The XYZ color **55.8735, 43.0706, 29.7947** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **62.8813, 81.0764, 106.9428**, and the grayscale version is **41.6606, 43.8301, 47.7310**.

A 20% lighter version of the original color is **71.1779, 65.9126, 58.8401**, and **28.0499, 19.8055, 11.7957** is the 20% darker color. If you saturate the color by 10%, you get **50.9183, 35.8023, 19.9980**, and if you desaturate by 10%, it is **62.0640, 52.1141, 42.1476**.

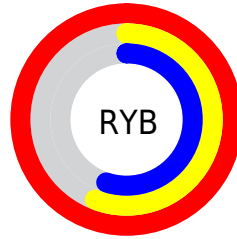
Distribution



Red (100%)

Green (56%)

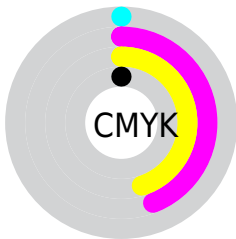
Blue (55%)



Red (100%)

Yellow (56%)

Blue (55%)

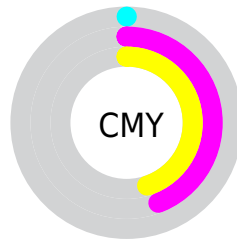


Cyan (0%)

Magenta (44%)

Yellow (45%)

Black (0%)



Cyan (0%)


Magenta (44%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.8735, 43.0706, 29.7947 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 55.8735, 43.0706, 29.7947 by changing the saturation by 10% instead.


 55.8735, 43.0706,
29.7947

 55.8735, 43.0706,
29.7947


399.2974,
358.9020, 315.1238


 40.3381, 29.9405,
19.4321


 97.9605, 79.8174,
60.3945

 27.9876, 19.7934,
11.8029


 125.2428,
104.2029, 81.4688

 18.4568, 12.2450,
6.4887


 157.1714,
133.1090, 106.9507

 11.3801, 6.9108,
3.0709

194.1118,
166.9200, 137.2588

 6.3923, 3.4063,
1.1310

236.4292,
206.0205, 172.8116

 3.1279, 1.3474,
0.0000

284.4890,

 1.2218, 0.1774,

250.7947, 214.0277

0.0000

338.6566,
301.6271, 261.3256

■ 0.1235, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.8735, 43.0706,
29.7947

■ 55.8735, 43.0706,
29.7947

■ 50.9183, 35.8023,
19.9980

■ 62.0640, 52.1141,
42.1476

■ 47.1124, 30.1866,
12.5763

■ 69.5615, 63.0320,
57.2160

■ 44.3644, 26.0955,
7.3285

■ 78.4361, 75.9239,
75.1489

■ 42.5670, 23.3797,
4.0196

■ 88.7521, 90.8804,
96.0839

■ 41.5904, 21.8595, 95.0500, 100.0000,
2.3593 108.9000

■ 41.3597, 21.4994,
1.9699

Harmonies

Analogous

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



57.9275, 43.0706, 49.0435



55.8735, 43.0706, 29.7947



49.6659, 43.0706, 19.1513

Triad

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



55.8735, 43.0706, 29.7947



29.5226, 43.0706, 27.1686



40.2033, 43.0706, 104.6316

Complementary

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



55.8735, 43.0706, 29.7947



62.8813, 81.0764, 106.9428

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.



33.2964, 43.0706, 93.3844



55.8735, 43.0706, 29.7947



27.6438, 43.0706, 44.8132

Square

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



55.8735, 43.0706, 29.7947



34.4234, 43.0706, 18.0105



28.9327, 43.0706, 69.5393



48.2251, 43.0706, 96.7721

Rectangle

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



55.8735, 43.0706, 29.7947



44.3727, 43.0706, 16.1252



28.9327, 43.0706, 69.5393



37.6840, 43.0706, 102.8949

Sweetspot

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



55.8746, 43.0728, 29.7955



79.8801, 78.0191, 78.0741



67.9064, 46.6990, 96.8117



16.6522, 16.0530, 15.8089



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.



55.8746, 43.0728, 29.7955



51.1336, 36.1189, 20.4209



66.7559, 64.8355, 33.4226



18.0722, 18.1126, 18.6879



21.6384, 11.2880, 1.0383



2.1280, 1.1413, 0.1081

Inverse Universe

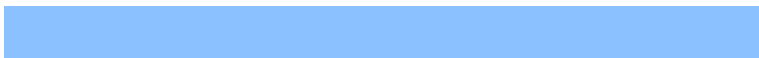
The Inverse Universe completely reimagines the original color for something new.



62.8813, 81.0764, 106.9428



58.9468, 78.5667, 106.6658



47.7972, 50.9082, 101.9147



18.4837, 20.3391, 23.2016



26.3643, 37.6381, 55.3099



2.5870, 3.7047, 5.3920

Previews

White Background



This preview shows how the XYZ color 55.8735, 43.0706, 29.7947 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 55.8735, 43.0706, 29.7947 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 55.8735, 43.0706, 29.7947

Background



This preview shows how black text looks on a background with the XYZ color 55.8735, 43.0706, 29.7947.



This preview shows how white text looks on a background with the XYZ color 55.8735, 43.0706,

29.7947.

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

55.8735, 43.0706, 29.7947

Protanopia

40.9299, 43.1834, 36.7498

Deuteranopia

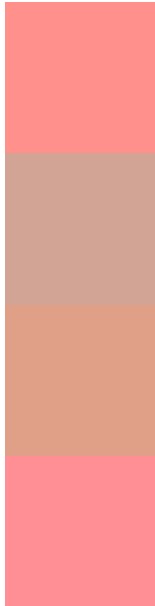
44.2933, 43.3906, 28.9624



Tritanopia

56.8122, 43.2048, 35.4820

Trichromacy



Original Color

55.8735, 43.0706, 29.7947

Protanomaly

45.2786, 42.4225, 34.2357

Deuteranomaly

47.7552, 42.7665, 29.0303

Tritanomaly

56.4078, 43.0430, 33.3521

Monochromacy



Original Color

55.8735, 43.0706, 29.7947

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

45.2428, 42.5337, 40.4756

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.8735, 43.0706, 29.7947 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, 144, 139)` looks like.

```
.text, #text, p{  
    color:rgb(255, 144, 139)  
}
```

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, 144, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 144, 139) }
```

Border

The CSS property to change the border of an element to XYZ 55.8735, 43.0706, 29.7947 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, 144, 139) }
```


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

```
.border{ border-color:rgb(255, 144, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 144, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 144, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 144, 139);  
box-shadow:4px 4px 4px 4px rgb(255, 144,  
139) }
```

Background

The CSS property to change the background color of an element to XYZ 55.8735, 43.0706, 29.7947 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 144, 139) }
```

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

```
.background{ background-color: rgb(255,  
144, 139) }
```

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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