

Converting Colors

XYZ(55.4975, 43.5852, 25.7662)

Have a look what the booklet for
XYZ(55.4975, 43.5852, 25.7662)
contains.

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Color

**XYZ(55.5700, 43.6859,
25.9254)**

Conversions

Conversions Part 1

Format	Color
Hex	FF9380
RGB	255, 147, 128
RGB Percent	100%, 58%, 50%
CMY	0.0000, 0.4235, 0.4980
CMYK	0.00, 0.42, 0.50, 0.00
HSL	9°, 100%, 75%
HSV	9°, 50%, 100%
XYZ	55.5700, 43.6859, 25.9254
YIQ	177.1260, 70.4670, 16.9870

Conversions

Conversions Part 2

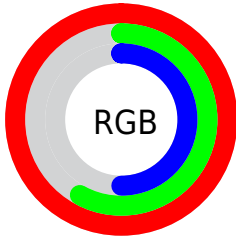
Format	Color
R _Y B	255, 150, 128
Decimal	16749440
CIE Lab	72.02, 38.70, 27.79
CIE LCh	72, 47.649, 35.684
Yxy	43.6859, 0.4439, 0.3490
Android (android.graphics.Color)	4294939520 (0xFFFF9380)
YUV	177.1260, -24.2191, 68.2955
Hunter-Lab	66.0953, 34.4081, 23.0106

Details

The XYZ color **55.5700, 43.6859, 25.9254** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **56.9459, 71.7966, 105.4643**, and the grayscale version is **41.9546, 44.1395, 48.0679**.

A 20% lighter version of the original color is **70.7010, 66.8373, 52.8906**, and **27.6621, 20.0393, 9.8071** is the 20% darker color. If you saturate the color by 10%, you get **51.0377, 36.9785, 17.1487**, and if you desaturate by 10%, it is **61.1617, 51.8375, 37.1365**.

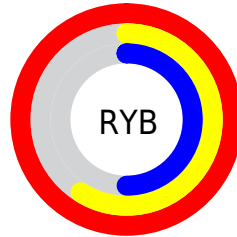
Distribution



Red (100%)

Green (58%)

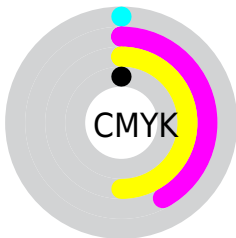
Blue (50%)



Red (100%)

Yellow (59%)

Blue (50%)

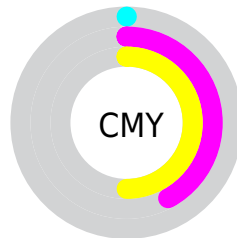


Cyan (0%)

Magenta (42%)

Yellow (50%)

Black (0%)



Cyan (0%)


Magenta (42%)


Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.5700, 43.6859, 25.9254 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 55.5700, 43.6859, 25.9254 by changing the saturation by 10% instead.


 55.5700, 43.6859,
25.9254


 55.5700, 43.6859,
25.9254


398.1703,
361.4250, 296.0095


 40.0939, 30.4237,
16.5426


 97.5191, 80.7449,
54.1372

 27.7963, 20.1604,
9.7504


 124.7227,
105.3104, 73.8032

 18.3118, 12.5117,
5.1303


 156.5663,
134.4125, 97.7341

 11.2751, 7.0932,
2.2639

193.4152,
168.4355, 126.3483

 6.3209, 3.5204,
0.7109

235.6346,
207.7639, 160.0644

 3.0837, 1.4091,
0.0000

283.5901,

 1.1982, 0.2234,

252.7820, 199.3009

0.0000

337.6469,
303.8742, 244.4765

■ 0.1049, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.5700, 43.6859,
25.9254

■ 55.5700, 43.6859,
25.9254

■ 51.0377, 36.9785,
17.1487

■ 61.1617, 51.8375,
37.1365

■ 47.4936, 31.6240,
10.6223

■ 67.8714, 61.5041,
50.9427

■ 44.8625, 27.5313,
6.1398

■ 75.7573, 72.7599,
67.4936

■ 43.0565, 24.5948,
3.4553

■ 84.8725, 85.6721,
86.9268

■ 41.9547, 22.6852, 95.0499, 100.0000,
2.1818 108.9000

■ 41.9382, 22.6566,
2.1628

Harmonies

Analogous

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



59.1167, 43.6859, 43.2655



55.5700, 43.6859, 25.9254



48.3031, 43.6859, 17.3044

Triad

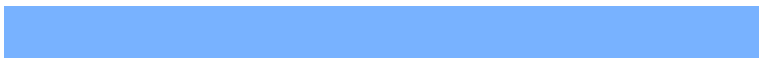
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



55.5700, 43.6859, 25.9254



28.8347, 43.6859, 31.3995



43.0910, 43.6859, 107.5329

Complementary

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



55.5700, 43.6859, 25.9254



56.9459, 71.7966, 105.4643

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.



35.4075, 43.6859, 101.1945



55.5700, 43.6859, 25.9254



27.8188, 43.6859, 52.1435

Square

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



55.5700, 43.6859, 25.9254



33.0486, 43.6859, 19.6658



30.0669, 43.6859, 78.7812



51.3329, 43.6859, 94.0302

Rectangle

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



55.5700, 43.6859, 25.9254



42.7107, 43.6859, 15.4167



30.0669, 43.6859, 78.7812



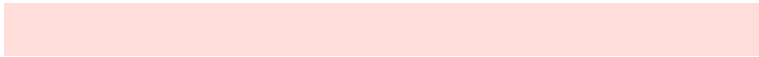
40.3558, 43.6859, 107.6935

Sweetspot

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



55.5711, 43.6881, 25.9262



79.9793, 78.7516, 76.4605



64.4016, 42.8756, 85.8217



16.7147, 16.2831, 15.5056



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.



55.5711, 43.6881, 25.9262



50.9589, 36.8605, 16.9993



67.7980, 68.1420, 30.0019



18.2287, 18.4256, 18.7401



21.9789, 11.9691, 1.1518



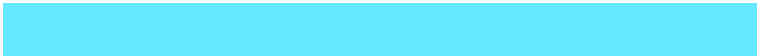
2.2017, 1.2887, 0.1327

Inverse Universe

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



56.9459, 71.7966, 105.4643



52.4151, 67.8159, 104.9350



42.1981, 42.3010, 100.5484



18.3096, 19.9908, 23.1435



22.4629, 29.8353, 54.0095



2.2473, 3.0252, 5.2788

Previews

White Background



This preview shows how the XYZ color 55.5700, 43.6859, 25.9254 looks on a white background.

Color Contrast Check

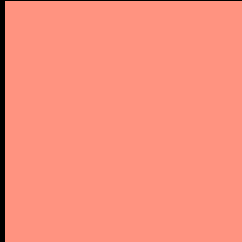
Large Text (above 18pt) WCAG AA × Fail

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 55.5700, 43.6859, 25.9254 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 55.5700, 43.6859, 25.9254

Background



This preview shows how black text looks on a background with the XYZ color 55.5700, 43.6859, 25.9254.



This preview shows how white text looks on a background with the XYZ color 55.5700, 43.6859,

25.9254.

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

55.5700, 43.6859, 25.9254

Protanopia

41.2689, 44.0587, 31.5284

Deuteranopia

44.6900, 43.6801, 25.1445



Tritanopia

57.1297, 43.5731, 36.4097

Trichromacy



Original Color

55.5700, 43.6859, 25.9254

Protanomaly

45.2315, 43.0471, 29.2175

Deuteranomaly

48.1251, 43.3013, 25.2236

Tritanomaly

56.4762, 43.5551, 32.2184

Monochromacy



Original Color

55.5700, 43.6859, 25.9254

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

45.0711, 42.7548, 38.6779

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.5700, 43.6859, 25.9254 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, 128)` looks like.

```
.text, #text, p{  
    color:rgb(255, 147, 128)  
}
```

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, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 147, 128) }
```

Border

The CSS property to change the border of an element to XYZ 55.5700, 43.6859, 25.9254 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, 128) }
```


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

```
.border{ border-color:rgb(255, 147, 128) }
```

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, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 147, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 147, 128);  
box-shadow:4px 4px 4px 4px rgb(255, 147,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 55.5700, 43.6859, 25.9254 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, 128) }
```

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

```
.background{ background-color: rgb(255,  
147, 128) }
```

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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