

Converting Colors

XYZ(55.5239, 44.9488, 30.5610)

Have a look what the booklet for
XYZ(55.5239, 44.9488, 30.5610)
contains.

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Color

**XYZ(55.5492, 44.9999,
30.5690)**

Conversions

Conversions Part 1

Format	Color
Hex	FA998C
RGB	250, 153, 140
RGB Percent	98%, 60%, 55%
CMY	0.0196, 0.4000, 0.4510
CMYK	0.00, 0.39, 0.44, 0.02
HSL	7°, 92%, 76%
HSV	7°, 44%, 98%
XYZ	55.5492, 44.9999, 30.5690
YIQ	180.5210, 61.9850, 16.5210

Conversions

Conversions Part 2

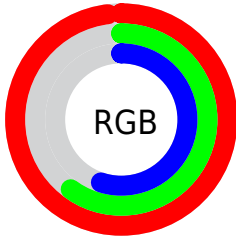
Format	Color
R _Y B	250, 155, 140
Decimal	16423308
CIE Lab	72.89, 34.88, 22.30
CIE LCh	73, 41.404, 32.592
Yxy	44.9999, 0.4237, 0.3432
Android (android.graphics.Color)	4294613388 (0xFFFA998C)
YUV	180.5210, -19.9769, 60.9331
Hunter-Lab	67.0820, 30.4188, 19.9391

Details

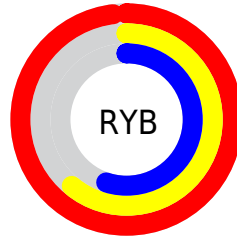
The XYZ color **55.5492, 44.9999, 30.5690** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **58.3532, 73.0427, 101.4654**, and the grayscale version is **43.7445, 46.0226, 50.1186**.

A 20% lighter version of the original color is **73.5335, 70.2668, 60.7262**, and **27.7343, 20.9927, 12.2631** is the 20% darker color. If you saturate the color by 10%, you get **50.6302, 37.7844, 20.8446**, and if you desaturate by 10%, it is **61.5558, 53.7204, 42.7226**.

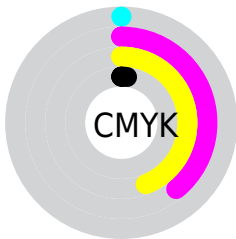
Distribution



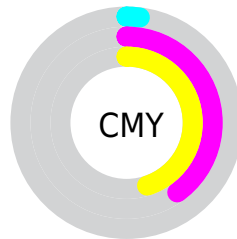
- Red (98%)
- Green (60%)
- Blue (55%)



- Red (98%)
- Yellow (61%)
- Blue (55%)



- Cyan (0%)
- Magenta (39%)
- Yellow (44%)
- Black (2%)





- Cyan (2%)
- Magenta (40%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.5492, 44.9999, 30.5690 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 55.5492, 44.9999, 30.5690 by changing the saturation by 10% instead.


 55.5492, 44.9999,
30.5690

 55.5492, 44.9999,
30.5690


398.0930,
366.7732, 318.8372


 40.0772, 31.4573,
20.0152

 97.4888, 82.7203,
61.6325

 27.7832, 20.9474,
12.2219


 124.6871,
107.6669, 82.9792

 18.3019, 13.0855,
6.7706


 156.5248,
137.1836, 108.7606

 11.2680, 7.4875,
3.2428

193.3674,
171.6549, 139.3953

 6.3160, 3.7688,
1.2199

235.5802,
211.4651, 175.3017

 3.0806, 1.5451,
0.0000

283.5284,

 1.1965, 0.3201,

256.9986, 216.8985

0.0000

337.5776,
308.6398, 264.6042

■ 0.1036, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.5492, 44.9999,
30.5690

■ 55.5492, 44.9999,
30.5690

■ 50.6302, 37.7844,
20.8446

■ 61.5558, 53.7204,
42.7226

■ 46.7298, 31.9821,
13.3834

■ 68.7065, 64.0174,
57.4512

■ 43.7765, 27.5017,
8.0023

■ 77.0580, 75.9660,
74.8922

■ 41.6879, 24.2383,
4.4889

■ 86.6622, 89.6345,
95.1725

■ 40.3666, 22.0707,
2.5845

■ 93.2343, 99.0640,
108.8150

■ 39.8775, 21.2303,
1.9961

Harmonies

Analogous

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



58.1716, 44.9999, 47.2235



55.5492, 44.9999, 30.5690



49.4766, 44.9999, 21.5232

Triad

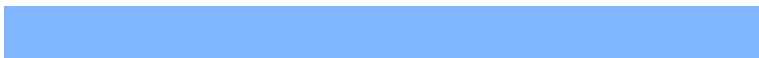
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



55.5492, 44.9999, 30.5690



31.6049, 44.9999, 32.8965



43.4011, 44.9999, 100.3359

Complementary

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



55.5492, 44.9999, 30.5690



58.3532, 73.0427, 101.4654

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.



36.7005, 44.9999, 93.3804



55.5492, 44.9999, 30.5690



30.3610, 44.9999, 50.8149

Square

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



55.5492, 44.9999, 30.5690



35.7286, 44.9999, 22.5776



32.1201, 44.9999, 73.6507



50.6829, 44.9999, 90.6474

Rectangle

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



55.5492, 44.9999, 30.5690



44.5839, 44.9999, 19.2259



32.1201, 44.9999, 73.6507



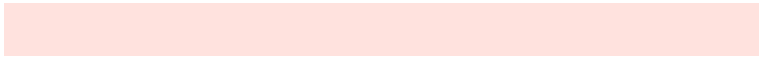
41.0080, 44.9999, 99.8676

Sweetspot

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



55.5503, 45.0021, 30.5699



81.5384, 80.7933, 80.2990



64.1130, 45.2046, 85.5947



17.0096, 16.6610, 16.2569



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.



55.5503, 45.0021, 30.5699



53.4012, 40.1727, 22.6612



66.6733, 67.2481, 34.2775



17.4099, 17.5556, 17.9334



21.2048, 11.3663, 1.0763



2.0153, 1.1555, 0.1168

Inverse Universe

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



58.3532, 73.0427, 101.4654



56.6475, 72.9474, 105.7024



44.8329, 46.0021, 96.9587



17.5804, 19.2375, 22.1719



22.8598, 31.0752, 52.7668



2.1652, 2.9741, 4.9031

Previews

White Background



This preview shows how the XYZ color 55.5492, 44.9999, 30.5690 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 55.5492, 44.9999, 30.5690 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

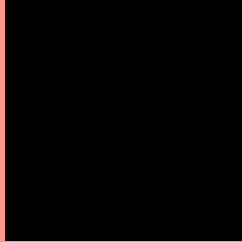
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 55.5492, 44.9999, 30.5690

Background



This preview shows how black text looks on a background with the XYZ color 55.5492, 44.9999, 30.5690.



This preview shows how white text looks on a background with the XYZ color 55.5492, 44.9999,

30.5690.

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

55.5492, 44.9999, 30.5690

Protanopia

42.7739, 45.3260, 36.2001

Deuteranopia

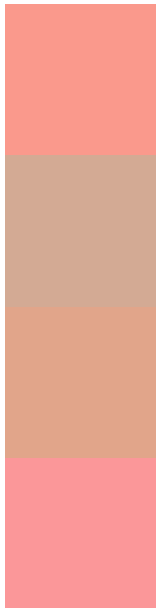
46.1318, 45.1601, 29.9523



Tritanopia

57.4843, 45.0813, 39.3900

Trichromacy



Original Color

55.5492, 44.9999, 30.5690

Protanomaly

46.5840, 44.7365, 34.1967

Deuteranomaly

49.0939, 44.7528, 30.0954

Tritanomaly

56.6000, 44.9424, 35.8286

Monochromacy



Original Color

55.5492, 44.9999, 30.5690

Achromatopsia

43.9204, 46.2077, 50.3202

Achromatomaly

46.8994, 45.0008, 42.2905

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.5492, 44.9999, 30.5690 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(250, 153, 140)` looks like.

```
.text, #text, p{  
    color:rgb(250, 153, 140)  
}
```

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(250, 153, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 153, 140) }
```

Border

The CSS property to change the border of an element to XYZ 55.5492, 44.9999, 30.5690 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(250, 153, 140) }
```


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

```
.border{ border-color:rgb(250, 153, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 153, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 153, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 153, 140);  
box-shadow:4px 4px 4px 4px rgb(250, 153,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 55.5492, 44.9999, 30.5690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 153, 140) }
```

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

```
.background{ background-color: rgb(250,  
153, 140) }
```

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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