

Converting Colors

XYZ(55.6144, 43.7417, 33.4653)

Have a look what the booklet for
XYZ(55.6144, 43.7417, 33.4653)
contains.

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Color

**XYZ(55.7189, 43.8272,
33.5398)**

Conversions

Conversions Part 1

Format	Color
Hex	FB9494
RGB	251, 148, 148
RGB Percent	98%, 58%, 58%
CMY	0.0157, 0.4196, 0.4196
CMYK	0.00, 0.41, 0.41, 0.02
HSL	0°, 93%, 78%
HSV	0°, 41%, 98%
XYZ	55.7189, 43.8272, 33.5398
YIQ	178.7970, 61.3880, 21.8360

Conversions

Conversions Part 2

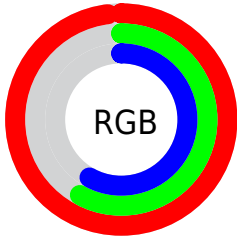
Format	Color
R _Y B	251, 148, 148
Decimal	16487572
CIE Lab	72.11, 38.67, 16.85
CIE LCh	72, 42.178, 23.543
Yxy	43.8272, 0.4187, 0.3293
Android (android.graphics.Color)	4294677652 (0xFFFB9494)
YUV	178.7970, -15.1829, 63.3220
Hunter-Lab	66.2021, 34.3805, 16.3035

Details

The XYZ color **55.7189, 43.8272, 33.5398** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **64.1209, 82.2517, 103.7634**, and the grayscale version is **42.7962, 45.0249, 49.0322**.

A 20% lighter version of the original color is **73.2566, 68.2361, 65.1870**, and **27.7357, 20.1239, 13.7317** is the 20% darker color. If you saturate the color by 10%, you get **50.4242, 36.0800, 23.0130**, and if you desaturate by 10%, it is **62.3001, 53.4579, 46.6214**.

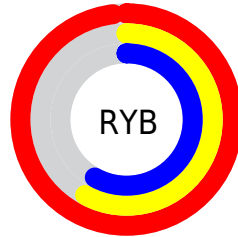
Distribution



Red (98%)

Green (58%)

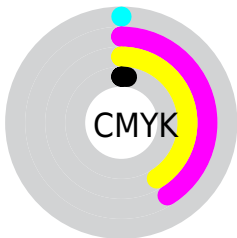
Blue (58%)



Red (98%)

Yellow (58%)

Blue (58%)

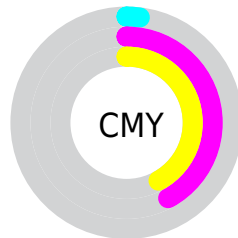


Cyan (0%)

Magenta (41%)

Yellow (41%)

Black (2%)



Cyan (2%)


Magenta (42%)


Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.7189, 43.8272, 33.5398 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 55.7189, 43.8272, 33.5398 by changing the saturation by 10% instead.


 55.7189, 43.8272,
33.5398

 55.7189, 43.8272,
33.5398


398.7235,
362.0027, 332.7814

 40.2137, 30.5347,
22.2658

 97.7357, 80.9577,
66.3431

 27.8902, 20.2448,
13.8521


 124.9779,
105.5644, 88.7094

 18.3829, 12.5731,
7.8803


156.8633,
134.7113, 115.6103

 11.3266, 7.1352,
3.9318

193.7570,
168.7828, 147.4642

 6.3559, 3.5468,
1.5880

236.0246,
208.1633, 184.6898

 3.1054, 1.4234,
0.2822

284.0313,

 1.2097, 0.2339,

253.2372, 227.7055

0.0000

338.1425,
304.3888, 276.9298

■ 0.1140, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.7189, 43.8272,
33.5398

■ 55.7189, 43.8272,
33.5398

■ 50.4242, 36.0800,
23.0130

■ 62.3001, 53.4579,
46.6214

■ 46.3288, 30.0871,
14.8717

■ 70.2407, 65.0773,
62.4069

■ 43.3400, 25.7135,
8.9305

■ 79.6122, 78.7905,
81.0372

■ 41.3501, 22.8017,
4.9751

■ 90.4802, 94.6933,
102.6424

■ 40.2302, 21.1628,
2.7491

■ 93.5936, 99.2492,
108.8318

■ 39.7838, 20.5095,
1.8619

Harmonies

Analogous

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



57.0245, 43.8272, 52.3314



55.7189, 43.8272, 33.5398



50.4595, 43.8272, 22.3594

Triad

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



55.7189, 43.8272, 33.5398



31.4614, 43.8272, 27.7843



40.1151, 43.8272, 99.1122

Complementary

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



55.7189, 43.8272, 33.5398



64.1209, 82.2517, 103.7634

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.



33.9418, 43.8272, 87.3585



55.7189, 43.8272, 33.5398



29.3319, 43.8272, 43.3885

Square

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



55.7189, 43.8272, 33.5398



36.3552, 43.8272, 19.7698



30.1847, 43.8272, 65.4222



47.4494, 43.8272, 94.2198

Rectangle

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



55.7189, 43.8272, 33.5398



45.7132, 43.8272, 18.8508



30.1847, 43.8272, 65.4222



37.8471, 43.8272, 96.8888

Sweetspot

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



55.7200, 43.8294, 33.5406



81.5126, 80.1911, 81.9880



67.7863, 48.6544, 97.0852



17.1609, 16.7454, 16.9798



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.



55.7200, 43.8294, 33.5406



53.2628, 38.8535, 25.8289



65.6678, 63.7250, 36.8566



17.2448, 17.2254, 17.8783



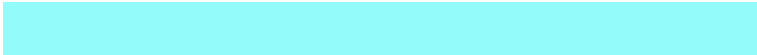
20.9120, 10.7807, 0.9787



1.9368, 0.9985, 0.0907

Inverse Universe

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



64.1209, 82.2517, 103.7634



63.0213, 83.4853, 107.4004



50.1643, 54.3386, 99.1112



17.7658, 19.6085, 22.2337



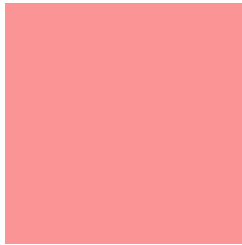
27.2836, 39.9228, 54.2414



2.5270, 3.6976, 5.0237

Previews

White Background



This preview shows how the XYZ color 55.7189, 43.8272, 33.5398 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 55.7189, 43.8272, 33.5398 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 55.7189, 43.8272, 33.5398

Background



This preview shows how black text looks on a background with the XYZ color 55.7189, 43.8272, 33.5398.



This preview shows how white text looks on a background with the XYZ color 55.7189, 43.8272,

33.5398.

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

55.7189, 43.8272, 33.5398

Protanopia

42.0109, 44.2433, 40.5080

Deuteranopia

44.8624, 43.8849, 32.4917



Tritanopia

56.6644, 43.9972, 37.4041

Trichromacy



Original Color

55.7189, 43.8272, 33.5398



Protanomaly

45.7344, 43.1167, 37.8102



Deuteranomaly

48.1554, 43.4146, 32.6299



Tritanomaly

56.4113, 43.8960, 36.0714

Monochromacy



Original Color

55.7189, 43.8272, 33.5398



Achromatopsia

42.8472, 45.0786, 49.0906



Achromatomaly

46.2474, 43.8116, 43.0648

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.7189, 43.8272, 33.5398 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(251, 148, 148)` looks like.

```
.text, #text, p{  
    color:rgb(251, 148, 148)  
}
```

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(251, 148, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 148, 148) }
```

Border

The CSS property to change the border of an element to XYZ 55.7189, 43.8272, 33.5398 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(251, 148, 148) }
```


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

```
.border{ border-color:rgb(251, 148, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 148, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 148, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 148, 148);  
box-shadow:4px 4px 4px 4px rgb(251, 148,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 55.7189, 43.8272, 33.5398 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 148, 148) }
```

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

```
.background{ background-color: rgb(251,  
148, 148) }
```

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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