

Converting Colors

XYZ(55.5317, 43.4038, 33.6098)

Have a look what the booklet for
XYZ(55.5317, 43.4038, 33.6098)
contains.

XYZ(55.5627, 43.5148, 33.4877)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(55.5627, 43.5148,
33.4877)**

Conversions

Conversions Part 1

Format	Color
Hex	FB9394
RGB	251, 147, 148
RGB Percent	98%, 58%, 58%
CMY	0.0157, 0.4235, 0.4196
CMYK	0.00, 0.41, 0.41, 0.02
HSL	359°, 93%, 78%
HSV	359°, 41%, 98%
XYZ	55.5627, 43.5148, 33.4877
YIQ	178.2100, 61.6630, 22.3590

Conversions

Conversions Part 2

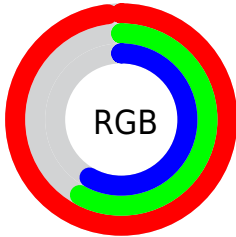
Format	Color
R _Y B	251, 147, 148
Decimal	16487316
CIE Lab	71.90, 39.18, 16.56
CIE LCh	72, 42.534, 22.906
Yxy	43.5148, 0.4191, 0.3283
Android (android.graphics.Color)	4294677396 (0xFFFB9394)
YUV	178.2100, -14.8935, 63.8368
Hunter-Lab	65.9657, 34.9098, 16.0773

Details

The XYZ color **55.5627, 43.5148, 33.4877** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **63.7873, 82.1005, 102.9323**, and the grayscale version is **42.4828, 44.6952, 48.6730**.

A 20% lighter version of the original color is **73.0212, 67.7653, 65.1085**, and **27.6462, 19.9448, 13.7019** is the 20% darker color. If you saturate the color by 10%, you get **50.3157, 35.8391, 23.0509**, and if you desaturate by 10%, it is **62.0859, 53.0668, 46.4354**.

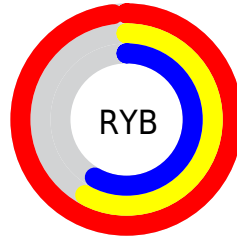
Distribution



Red (98%)

Green (58%)

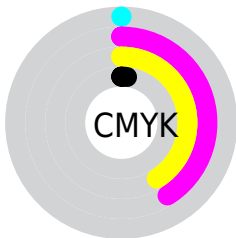
Blue (58%)



Red (98%)

Yellow (58%)

Blue (58%)

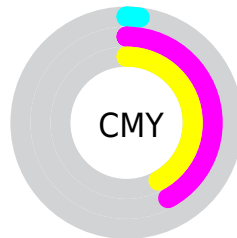


Cyan (0%)

Magenta (41%)

Yellow (41%)

Black (2%)



Cyan (2%)

Magenta (42%)

Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 55.5627, 43.5148, 33.4877 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 55.5627, 43.5148, 33.4877 by changing the saturation by 10% instead.

 55.5627, 43.5148,
33.4877


 55.5627, 43.5148,
33.4877


398.1432,
360.7246, 332.5408

 40.0880, 30.2892,
22.2261

 97.5084, 80.4871,
66.2610

 27.7917, 20.0582,
13.8233


 124.7102,
105.0027, 88.6098

 18.3084, 12.4374,
7.8605


156.5518,
134.0504, 115.4914

 11.2726, 7.0423,
3.9193

193.3984,
168.0146, 147.3244

 6.3192, 3.4886,
1.5812

235.6155,
207.2798, 184.5273

 3.0826, 1.3918,
0.2773

283.5685,

 1.1976, 0.2107,

252.2302, 227.5186

0.0000

337.6226,
303.2504, 276.7169

■ 0.1045, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.5627, 43.5148,
33.4877

■ 55.5627, 43.5148,
33.4877

■ 50.3157, 35.8391,
23.0509

■ 62.0859, 53.0668,
46.4354

■ 46.2584, 29.9101,
14.9601

■ 69.9578, 64.6001,
62.0395

■ 43.2987, 25.5928,
9.0346

■ 79.2494, 78.2201,
80.4375

■ 41.3297, 22.7290,
5.0662

■ 90.0257, 94.0226,
101.7565

■ 40.2230, 21.1291,
2.8063

■ 93.5936, 99.2492,
108.8318

■ 39.7968, 20.5145,
1.9311

Harmonies

Analogous

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



56.7790, 43.5148, 52.4793



55.5627, 43.5148, 33.4877



50.3421, 43.5148, 22.1522

Triad

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



55.5627, 43.5148, 33.4877



31.2142, 43.5148, 27.1633



39.6631, 43.5148, 99.0151

Complementary

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



55.5627, 43.5148, 33.4877



63.7873, 82.1005, 102.9323

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.



33.5146, 43.5148, 86.8546



55.5627, 43.5148, 33.4877



29.0197, 43.5148, 42.6226

Square

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



55.5627, 43.5148, 33.4877



36.1714, 43.5148, 19.3151



29.8099, 43.5148, 64.6649



47.0214, 43.5148, 94.4445

Rectangle

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



55.5627, 43.5148, 33.4877



45.5904, 43.5148, 18.5644



29.8099, 43.5148, 64.6649



37.3989, 43.5148, 96.6528

Sweetspot

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



55.5638, 43.5170, 33.4885



81.5520, 80.2061, 82.1975



67.0094, 48.0234, 97.0044



17.1700, 16.7489, 17.0286



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.



55.5638, 43.5170, 33.4885



52.8379, 38.1457, 25.2490



65.0783, 62.6714, 36.2734



17.2514, 17.2279, 17.9135



20.9218, 10.7844, 1.0307



1.9400, 0.9997, 0.1075

Inverse Universe

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



55.5638, 43.5170, 33.4885



52.8379, 38.1457, 25.2490



50.2718, 54.8193, 99.1983



17.2514, 17.2279, 17.9135



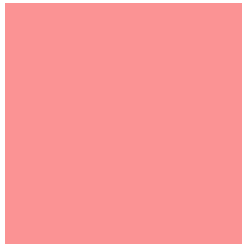
20.9218, 10.7844, 1.0307



1.9400, 0.9997, 0.1075

Previews

White Background



This preview shows how the XYZ color 55.5627, 43.5148, 33.4877 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 55.5627, 43.5148, 33.4877 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 55.5627, 43.5148, 33.4877

Background



This preview shows how black text looks on a background with the XYZ color 55.5627, 43.5148, 33.4877.



This preview shows how white text looks on a background with the XYZ color 55.5627, 43.5148,

33.4877.

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

55.5627, 43.5148, 33.4877

Protanopia

41.6646, 43.7623, 40.9013

Deuteranopia

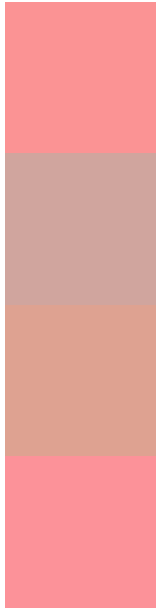
44.5856, 43.7422, 32.4787



Tritanopia

56.4245, 43.6535, 36.9046

Trichromacy



Original Color

55.5627, 43.5148, 33.4877

Protanomaly

45.6391, 42.7888, 38.2014

Deuteranomaly

48.1554, 43.4146, 32.6299

Tritanomaly

56.1735, 43.5531, 35.5829

Monochromacy



Original Color

55.5627, 43.5148, 33.4877

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

45.9706, 43.4066, 42.5146

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.5627, 43.5148, 33.4877 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, 147, 148)` looks like.

```
.text, #text, p{  
    color:rgb(251, 147, 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, 147, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 147, 148) }
```

Border

The CSS property to change the border of an element to XYZ 55.5627, 43.5148, 33.4877 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, 147, 148) }
```


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

```
.border{ border-color:rgb(251, 147, 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, 147, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 147, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 147, 148);  
box-shadow:4px 4px 4px 4px rgb(251, 147,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 55.5627, 43.5148, 33.4877 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 147, 148) }
```

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

```
.background{ background-color: rgb(251,  
147, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor