

Converting Colors

XYZ(52.2872, 39.3117, 27.7690)

Have a look what the booklet for
XYZ(52.2872, 39.3117, 27.7690)
contains.

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Color

**XYZ(52.4615, 39.4012,
27.7618)**

Conversions

Conversions Part 1

Format	Color
Hex	FA8787
RGB	250, 135, 135
RGB Percent	98%, 53%, 53%
CMY	0.0196, 0.4706, 0.4706
CMYK	0.00, 0.46, 0.46, 0.02
HSL	0°, 92%, 75%
HSV	0°, 46%, 98%
XYZ	52.4615, 39.4012, 27.7618
YIQ	169.3850, 68.5400, 24.3800

Conversions

Conversions Part 2

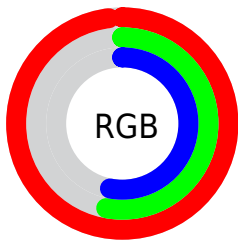
Format	Color
R _Y B	250, 135, 135
Decimal	16418695
CIE Lab	69.04, 43.59, 19.80
CIE LCh	69, 47.876, 24.430
Yxy	39.4012, 0.4386, 0.3294
Android (android.graphics.Color)	4294608775 (0xFFFA8787)
YUV	169.3850, -16.9518, 70.6994
Hunter-Lab	62.7704, 39.3365, 17.7167

Details

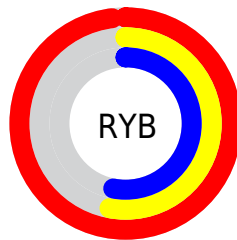
The XYZ color **52.4615, 39.4012, 27.7618** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **61.4307, 80.4203, 102.7273**, and the grayscale version is **37.9615, 39.9384, 43.4929**.

A 20% lighter version of the original color is **68.7306, 61.7178, 55.8672**, and **25.8922, 17.6376, 10.6341** is the 20% darker color. If you saturate the color by 10%, you get **47.8157, 32.6035, 18.5251**, and if you desaturate by 10%, it is **58.3413, 48.0057, 39.4492**.

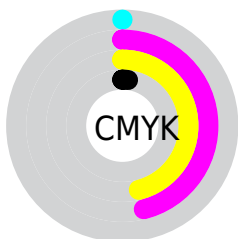
Distribution



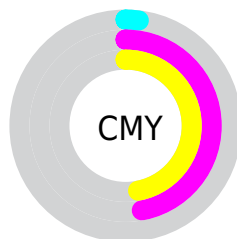
- Red (98%)
- Green (53%)
- Blue (53%)



- Red (98%)
- Yellow (53%)
- Blue (53%)



- Cyan (0%)
- Magenta (46%)
- Yellow (46%)
- Black (2%)





- Cyan (2%)
- Magenta (47%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.4615, 39.4012, 27.7618 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 52.4615, 39.4012, 27.7618 by changing the saturation by 10% instead.


 52.4615, 39.4012,
27.7618


 52.4615, 39.4012,
27.7618


386.5104,
343.5932, 305.2030


 37.5988, 27.0720,
17.9087


 92.9817, 74.2508,
57.1224

 25.8473, 17.6273,
10.7157


 119.3699, 97.5400,
77.4671

 16.8415, 10.6827,
5.7642

 150.3307,
125.2513, 102.1459

 10.2161, 5.8539,
2.6358

186.2294,
157.7691, 131.5776

 5.6059, 2.7565,
0.9109

227.4314,
195.4778, 166.1806

 2.6453, 1.0059,
0.0000

274.3020,

 0.9691, 0.0000,

238.7618, 206.3735

0.0000

327.2065,
288.0055, 252.5747

■ 0.0000, 0.0000,
0.0000

■ 52.4615, 39.4012,
27.7618

■ 52.4615, 39.4012,
27.7618

■ 47.8157, 32.6035,
18.5251

■ 58.3413, 48.0057,
39.4492

■ 44.3133, 27.4784,
11.5628

■ 65.5312, 58.5266,
53.7423

■ 41.8564, 23.8831,
6.6789

■ 74.1046, 71.0719,
70.7859

■ 40.3291, 21.6481,
3.6431

■ 84.1286, 85.7398,
90.7133

■ 39.5878, 20.5633,
2.1698

■ 93.2343, 99.0640,
108.8150

■ 39.4244, 20.3243,
1.8451

Harmonies

Analogous

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



54.0351, 39.4012, 47.1107



52.4615, 39.4012, 27.7618



46.6503, 39.4012, 16.9930

Triad

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



52.4615, 39.4012, 27.7618



26.7369, 39.4012, 22.8047



36.0434, 39.4012, 99.7935

Complementary

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



52.4615, 39.4012, 27.7618



61.4307, 80.4203, 102.7273

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.



29.5460, 39.4012, 86.9677



52.4615, 39.4012, 27.7618



24.6612, 39.4012, 38.9503

Square

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



52.4615, 39.4012, 27.7618



31.7027, 39.4012, 14.8866



25.6153, 39.4012, 62.7351



43.8523, 39.4012, 93.6659

Rectangle

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



52.4615, 39.4012, 27.7618



41.5280, 39.4012, 13.8168



25.6153, 39.4012, 62.7351



33.6475, 39.4012, 97.4530

Sweetspot

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



52.4625, 39.4032, 27.7625



79.4761, 77.2110, 77.9395



65.3437, 44.5543, 95.5982



16.5556, 15.8598, 15.7767



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.



52.4625, 39.4032, 27.7625



50.4233, 34.6983, 20.1842



62.7572, 59.9927, 31.1941



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.



61.4307, 80.4203, 102.7273



60.8449, 82.3630, 107.2985



46.2068, 49.9725, 97.6526



17.7658, 19.6085, 22.2337



27.2837, 39.9229, 54.2414



2.5270, 3.6976, 5.0237

Previews

White Background



This preview shows how the XYZ color 52.4615, 39.4012, 27.7618 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 52.4615, 39.4012, 27.7618 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 52.4615, 39.4012, 27.7618

Background



This preview shows how black text looks on a background with the XYZ color 52.4615, 39.4012, 27.7618.



This preview shows how white text looks on a background with the XYZ color 52.4615, 39.4012,

27.7618.

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

52.4615, 39.4012, 27.7618

Protanopia

37.4930, 39.4697, 34.9205

Deuteranopia

40.2383, 39.4581, 26.6145



Tritanopia

53.2667, 39.5426, 30.8116

Trichromacy



Original Color

52.4615, 39.4012, 27.7618

Protanomaly

41.6279, 38.5178, 32.0287

Deuteranomaly

44.0084, 38.8741, 27.0138

Tritanomaly

53.0424, 39.4529, 29.6305

Monochromacy



Original Color

52.4615, 39.4012, 27.7618

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

41.4315, 38.5540, 37.1563

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.4615, 39.4012, 27.7618 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, 135, 135)` looks like.

```
.text, #text, p{  
    color:rgb(250, 135, 135)  
}
```

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, 135, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 135, 135) }
```

Border

The CSS property to change the border of an element to XYZ 52.4615, 39.4012, 27.7618 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, 135, 135) }
```


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

```
.border{ border-color:rgb(250, 135, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 135, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 135, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 135, 135);  
box-shadow:4px 4px 4px 4px rgb(250, 135,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 52.4615, 39.4012, 27.7618 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 135, 135) }
```

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

```
.background{ background-color: rgb(250,  
135, 135) }
```

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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