

Converting Colors

XYZ(53.4424, 39.7306, 24.2917)

Have a look what the booklet for
XYZ(53.4424, 39.7306, 24.2917)
contains.

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Color

**XYZ(53.4668, 39.7909,
24.2644)**

Conversions

Conversions Part 1

Format	Color
Hex	FF867D
RGB	255, 134, 125
RGB Percent	100%, 53%, 49%
CMY	0.0000, 0.4745, 0.5098
CMYK	0.00, 0.47, 0.51, 0.00
HSL	4°, 100%, 75%
HSV	4°, 51%, 100%
XYZ	53.4668, 39.7909, 24.2644
YIQ	169.1530, 75.0050, 22.8530

Conversions

Conversions Part 2

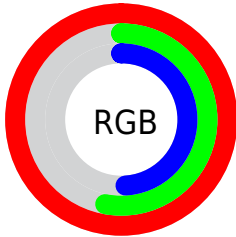
Format	Color
R _Y B	255, 135, 125
Decimal	16746109
CIE Lab	69.32, 44.99, 25.85
CIE LCh	69, 51.886, 29.881
Yxy	39.7909, 0.4550, 0.3386
Android (android.graphics.Color)	4294936189 (0xFFFF867D)
YUV	169.1530, -21.7674, 75.2878
Hunter-Lab	63.0800, 40.9070, 21.3495

Details

The XYZ color **53.4668, 39.7909, 24.2644** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **59.4612, 77.4872, 106.4301**, and the grayscale version is **37.8673, 39.8394, 43.3851**.

A 20% lighter version of the original color is **67.4735, 60.8695, 50.3122**, and **26.4951, 17.8760, 8.8914** is the 20% darker color. If you saturate the color by 10%, you get **49.1216, 33.3816, 15.7847**, and if you desaturate by 10%, it is **58.9681, 47.8436, 35.1929**.

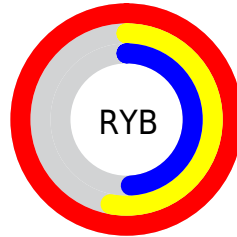
Distribution



Red (100%)

Green (53%)

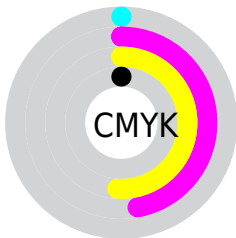
Blue (49%)



Red (100%)

Yellow (53%)

Blue (49%)

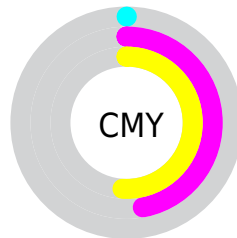


Cyan (0%)

Magenta (47%)

Yellow (51%)

Black (0%)



Cyan (0%)


Magenta (47%)


Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.4668, 39.7909, 24.2644 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 53.4668, 39.7909, 24.2644 by changing the saturation by 10% instead.


 53.4668, 39.7909,
24.2644


 53.4668, 39.7909,
24.2644


390.3051,
345.2415, 287.4840


 38.4045, 27.3755,
15.3159

 94.4524, 74.8450,
51.4105

 26.4754, 17.8555,
8.8923


 121.1064, 98.2525,
70.4452

 17.3142, 10.8463,
4.5751


 152.3551,
126.0929, 93.6791

 10.5554, 5.9636,
1.9459

188.5637,
158.7506, 121.5305

 5.8338, 2.8229,
0.5217

230.0976,
196.6098, 154.4182

 2.7840, 1.0400,
0.0000

277.3223,

 1.0406, 0.0000,

240.0552, 192.7607

0.0000

330.6030,
289.4709, 236.9764

■ 0.0000, 0.0000,
0.0000

■ 53.4668, 39.7909,
24.2644

■ 53.4668, 39.7909,
24.2644

■ 49.1216, 33.3816,
15.7847

■ 58.9681, 47.8436,
35.1929

■ 45.8471, 28.4967,
9.5628

■ 65.6969, 57.6355,
48.7369

■ 43.5507, 25.0113,
5.3831

■ 73.7225, 69.2626,
65.0512

■ 42.1225, 22.7778,
2.9871

■ 83.1080, 82.8119,
84.2777

■ 41.4508, 21.6818,
2.0003

■ 93.9125, 98.3649,
106.5487

95.0499, 99.9999,
108.9000

Harmonies

Analogous

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



56.1922, 39.7909, 43.4212



53.4668, 39.7909, 24.2644



46.4348, 39.7909, 14.5388

Triad

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



53.4668, 39.7909, 24.2644



25.5948, 39.7909, 24.1521



37.7867, 39.7909, 107.2408

Complementary

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



53.4668, 39.7909, 24.2644



59.4612, 77.4872, 106.4301

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.



30.3427, 39.7909, 96.3086



53.4668, 39.7909, 24.2644



23.9647, 39.7909, 43.2300

Square

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



53.4668, 39.7909, 24.2644



30.3926, 39.7909, 14.4927



25.5691, 39.7909, 70.4133



46.3686, 39.7909, 96.4716

Rectangle

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



53.4668, 39.7909, 24.2644



40.7029, 39.7909, 12.0513



25.5691, 39.7909, 70.4133



35.0766, 39.7909, 105.9413

Sweetspot

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



53.4678, 39.7930, 24.2651



79.1679, 77.1288, 76.1900



65.2594, 42.6017, 92.2405



16.5223, 15.8982, 15.4415



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.



53.4678, 39.7930, 24.2651



49.1142, 33.3704, 15.7700



65.2885, 63.4344, 28.2054



18.1104, 18.1890, 18.7006



21.6959, 11.4031, 1.0575



2.1461, 1.1775, 0.1142

Inverse Universe

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



59.4612, 77.4872, 106.4301



55.6627, 74.7337, 106.0991



43.0994, 44.7637, 100.9761



18.4408, 20.2532, 23.1873



25.3518, 35.6132, 54.9724



2.4995, 3.5296, 5.3628

Previews

White Background



This preview shows how the XYZ color 53.4668, 39.7909, 24.2644 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 53.4668, 39.7909, 24.2644 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 53.4668, 39.7909, 24.2644

Background



This preview shows how black text looks on a background with the XYZ color 53.4668, 39.7909, 24.2644.



This preview shows how white text looks on a background with the XYZ color 53.4668, 39.7909,

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

53.4668, 39.7909, 24.2644

Protanopia

37.5861, 39.8827, 30.9164

Deuteranopia

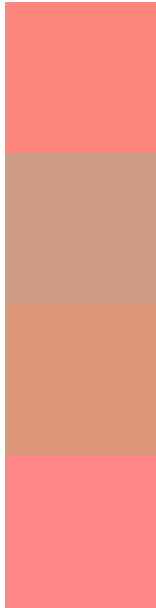
40.6676, 39.7533, 23.2990



Tritanopia

54.3737, 39.7155, 30.3912

Trichromacy



Original Color

53.4668, 39.7909, 24.2644

Protanomaly

41.9938, 38.7916, 28.1959

Deuteranomaly

44.5599, 39.2338, 23.6367

Tritanomaly

54.0715, 39.8126, 28.1273

Monochromacy



Original Color

53.4668, 39.7909, 24.2644

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

41.4577, 38.3562, 35.3554

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.4668, 39.7909, 24.2644 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, 134, 125)` looks like.

```
.text, #text, p{  
    color:rgb(255, 134, 125)  
}
```

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, 134, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 134, 125) }
```

Border

The CSS property to change the border of an element to XYZ 53.4668, 39.7909, 24.2644 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, 134, 125) }
```


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

```
.border{ border-color:rgb(255, 134, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 134, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 134, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 134, 125);  
box-shadow:4px 4px 4px 4px rgb(255, 134,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 53.4668, 39.7909, 24.2644 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 134, 125) }
```

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

```
.background{ background-color: rgb(255,  
134, 125) }
```

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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