

Converting Colors

XYZ(54.3239, 41.9591, 25.4258)

Have a look what the booklet for
XYZ(54.3239, 41.9591, 25.4258)
contains.

XYZ(54.3768, 41.9491, 25.3097)	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(54.3768, 41.9491,
25.3097)**

Conversions

Conversions Part 1

Format	Color
Hex	FE8E7F
RGB	254, 142, 127
RGB Percent	100%, 56%, 50%
CMY	0.0039, 0.4431, 0.5020
CMYK	0.00, 0.44, 0.50, 0.00
HSL	7°, 98%, 75%
HSV	7°, 50%, 100%
XYZ	54.3768, 41.9491, 25.3097
YIQ	173.7780, 71.5670, 19.0790

Conversions

Conversions Part 2

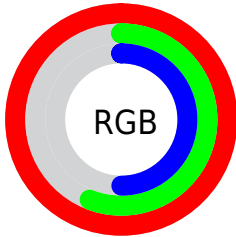
Format	Color
R_{YB}	254, 144, 127
Decimal	16682623
CIE _{Lab}	70.84, 40.78, 26.75
CIE _{LCh}	71, 48.772, 33.256
Yxy	41.9491, 0.4470, 0.3449
Android (android.graphics.Color)	4294872703 (0xFFFE8E7F)
YUV	173.7780, -23.0616, 70.3547
Hunter-Lab	64.7681, 36.5174, 22.1687

Details

The XYZ color **54.3768, 41.9491, 25.3097** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **57.5066, 73.3971, 104.9018**, and the grayscale version is **40.2081, 42.3021, 46.0670**.

A 20% lighter version of the original color is **69.4445, 64.4878, 51.9673**, and **26.9398, 19.0323, 9.4614** is the 20% darker color. If you saturate the color by 10%, you get **49.9209, 35.3611, 16.6612**, and if you desaturate by 10%, it is **59.9216, 50.0474, 36.3802**.

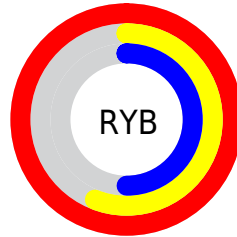
Distribution



Red (100%)

Green (56%)

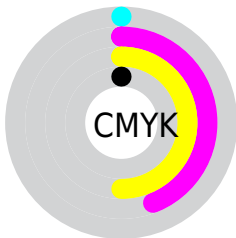
Blue (50%)



Red (100%)

Yellow (56%)

Blue (50%)

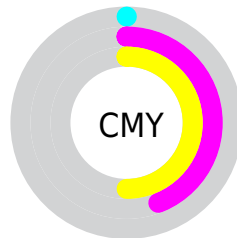


Cyan (0%)

Magenta (44%)

Yellow (50%)

Black (0%)



Cyan (0%)


Magenta (44%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.3768, 41.9491, 25.3097 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 54.3768, 41.9491, 25.3097 by changing the saturation by 10% instead.


 54.3768, 41.9491,
25.3097

 54.3768, 41.9491,
25.3097


393.7202,
354.2719, 292.8737


 39.1349, 29.0614,
16.0868

 95.7809, 78.1226,
53.1295

 27.0458, 19.1273,
9.4306


 122.6738,
102.1772, 72.5636

 17.7444, 11.7623,
4.9225


 154.1811,
130.7229, 96.2384

 10.8652, 6.5820,
2.1439

190.6680,
164.1441, 124.5726

 6.0429, 3.2021,
0.6417

232.5001,
202.8252, 157.9847

 2.9121, 1.2381,
0.0000

280.0425,

 1.1074, 0.0925,

247.1506, 196.8932

0.0000

333.6608,
297.5047, 241.7167

■ 0.0313, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.3768, 41.9491,
25.3097

■ 54.3768, 41.9491,
25.3097

■ 49.9209, 35.3611,
16.6612

■ 59.9216, 50.0474,
36.3802

■ 46.4785, 30.1836,
10.2506

■ 66.6178, 59.7350,
50.0338

■ 43.9694, 26.3146,
5.8708

■ 74.5268, 71.0930,
66.4200

■ 42.2992, 23.6356,
3.2753

■ 83.7049, 84.1951,
85.6766

■ 41.3375, 22.0000, 94.2046, 99.1108,
2.0677 107.9320

■ 41.3375, 21.9999, 94.6829, 99.8108,
2.0677 108.8828

Harmonies

Analogous

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



57.5445, 41.9491, 43.1871



54.3768, 41.9491, 25.3097



47.3046, 41.9491, 16.2850

Triad

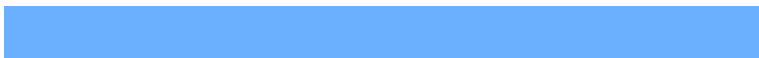
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



54.3768, 41.9491, 25.3097



27.5094, 41.9491, 28.3888



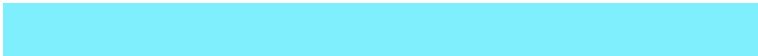
40.7630, 41.9491, 106.3065

Complementary

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



54.3768, 41.9491, 25.3097



57.5066, 73.3971, 104.9018

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.



33.2607, 41.9491, 98.2586



54.3768, 41.9491, 25.3097



26.2470, 41.9491, 48.2575

Square

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



54.3768, 41.9491, 25.3097



31.9205, 41.9491, 17.5931



28.2063, 41.9491, 74.7866



49.0437, 41.9491, 94.0946

Rectangle

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



54.3768, 41.9491, 25.3097



41.7300, 41.9491, 14.1409



28.2063, 41.9491, 74.7866



38.0688, 41.9491, 105.8910

Sweetspot

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



54.3778, 41.9513, 25.3105



79.6596, 78.1121, 76.3539



64.0695, 42.4927, 86.6284



16.6388, 16.1313, 15.4803



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.



54.3778, 41.9513, 25.3105



50.3642, 35.6711, 16.8011



66.6110, 66.4175, 29.3882



18.1822, 18.3326, 18.7246



21.8473, 11.7057, 1.1080



2.1799, 1.2451, 0.1254

Inverse Universe

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



57.5066, 73.3971, 104.9018



53.7910, 70.5678, 105.3936



42.1054, 42.5947, 99.7680



18.3609, 20.0933, 23.1606



23.5548, 32.0193, 54.3734



2.3430, 3.2168, 5.3107

Previews

White Background



This preview shows how the XYZ color 54.3768, 41.9491, 25.3097 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 54.3768, 41.9491, 25.3097 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 54.3768, 41.9491, 25.3097

Background



This preview shows how black text looks on a background with the XYZ color 54.3768, 41.9491, 25.3097.



This preview shows how white text looks on a background with the XYZ color 54.3768, 41.9491,

25.3097.

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

54.3768, 41.9491, 25.3097

Protanopia

39.5185, 42.0006, 31.2234

Deuteranopia

42.9435, 41.9679, 24.5761



Tritanopia

55.8974, 41.8952, 33.5742

Trichromacy



Original Color

54.3768, 41.9491, 25.3097

Protanomaly

43.6588, 41.1735, 28.9388

Deuteranomaly

46.4355, 41.4165, 24.6155

Tritanomaly

55.4258, 41.9393, 30.3731

Monochromacy



Original Color

54.3768, 41.9491, 25.3097

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

43.6347, 40.9715, 37.5068

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.3768, 41.9491, 25.3097 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(254, 142, 127)` looks like.

```
.text, #text, p{  
    color:rgb(254, 142, 127)  
}
```

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(254, 142, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 142, 127) }
```

Border

The CSS property to change the border of an element to XYZ 54.3768, 41.9491, 25.3097 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(254, 142, 127) }
```


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

```
.border{ border-color:rgb(254, 142, 127) }
```

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

Here you see how a box with a 4 pixel rgb(254, 142, 127) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 142, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 142, 127);  
box-shadow:4px 4px 4px 4px rgb(254, 142,  
127) }
```

Background

The CSS property to change the background color of an element to XYZ 54.3768, 41.9491, 25.3097 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 142, 127) }
```

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

```
.background{ background-color: rgb(254,  
142, 127) }
```

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