

Converting Colors

XYZ(52.8602, 38.5827, 24.0469)

Have a look what the booklet for
XYZ(52.8602, 38.5827, 24.0469)
contains.

XYZ(52.9243, 38.7059, 24.0836)	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(52.9243, 38.7059,
24.0836)**

Conversions

Conversions Part 1

Format	Color
Hex	FF827D
RGB	255, 130, 125
RGB Percent	100%, 51%, 49%
CMY	0.0000, 0.4902, 0.5098
CMYK	0.00, 0.49, 0.51, 0.00
HSL	2°, 100%, 75%
HSV	2°, 51%, 100%
XYZ	52.9243, 38.7059, 24.0836
YIQ	166.8050, 76.1050, 24.9450

Conversions

Conversions Part 2

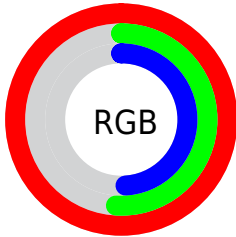
Format	Color
R _Y B	255, 130, 125
Decimal	16745085
CIE Lab	68.54, 46.96, 24.80
CIE LCh	69, 53.108, 27.840
Yxy	38.7059, 0.4574, 0.3345
Android (android.graphics.Color)	4294935165 (0xFFFF827D)
YUV	166.8050, -20.6099, 77.3470
Hunter-Lab	62.2141, 42.9719, 20.5982

Details

The XYZ color **52.9243, 38.7059, 24.0836** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **60.6910, 79.9469, 106.8400**, and the grayscale version is **36.7080, 38.6197, 42.0568**.

A 20% lighter version of the original color is **66.6248, 59.1723, 50.0294**, and **26.2065, 17.2989, 8.7953** is the 20% darker color. If you saturate the color by 10%, you get **48.6176, 32.3736, 15.6167**, and if you desaturate by 10%, it is **58.4279, 46.7632, 35.0129**.

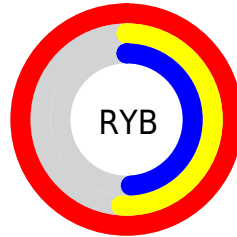
Distribution



Red (100%)

Green (51%)

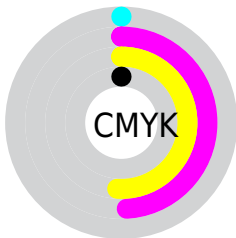
Blue (49%)



Red (100%)

Yellow (51%)

Blue (49%)

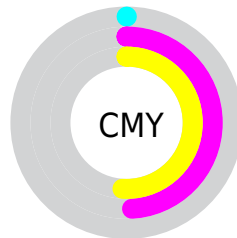


Cyan (0%)

Magenta (49%)

Yellow (51%)

Black (0%)



Cyan (0%)


Magenta (49%)


Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.9243, 38.7059, 24.0836 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 52.9243, 38.7059, 24.0836 by changing the saturation by 10% instead.


 52.9243, 38.7059,
24.0836


 52.9243, 38.7059,
24.0836


388.2602,
340.6385, 286.5430


 37.9696, 26.5310,
15.1829


 93.6592, 73.1888,
51.1121

 26.1362, 17.2213,
8.7998


 120.1700, 96.2656,
70.0770

 17.0588, 10.3924,
4.5158


 151.2636,
123.7452, 93.2337

 10.3720, 5.6599,
1.9124

187.3053,
156.0120, 121.0007

 5.7104, 2.6394,
0.5006

228.6604,
193.4503, 153.7966

 2.7088, 0.9465,
0.0000

275.6944,

 1.0017, 0.0000,

236.4445, 192.0399

0.0000

328.7726,
285.3791, 236.1492

■ 0.0000, 0.0000,
0.0000

■ 52.9243, 38.7059,
24.0836

■ 52.9243, 38.7059,
24.0836

■ 48.6176, 32.3736,
15.6167

■ 58.4279, 46.7632,
35.0129

■ 45.4163, 27.6350,
9.4192

■ 65.2053, 56.6522,
48.5731

■ 43.2201, 24.3501,
5.2729

■ 73.3303, 68.4781,
64.9205

■ 41.9093, 22.3514,
2.9161

■ 82.8703, 82.3364,
84.1985

■ 41.3465, 21.4731,
1.9655

■ 93.8883, 98.3165,
106.5407

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.



55.3175, 38.7059, 43.9045



52.9243, 38.7059, 24.0836



46.0323, 38.7059, 13.9377

Triad

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



52.9243, 38.7059, 24.0836



24.7825, 38.7059, 22.0713



36.1858, 38.7059, 106.9748

Complementary

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



52.9243, 38.7059, 24.0836



60.6910, 79.9469, 106.8400

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.



28.8738, 38.7059, 94.4097



52.9243, 38.7059, 24.0836



22.9422, 38.7059, 40.4315

Square

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



52.9243, 38.7059, 24.0836



29.7765, 38.7059, 13.1237



24.3195, 38.7059, 67.5262



44.8236, 38.7059, 97.4138

Rectangle

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



52.9243, 38.7059, 24.0836



40.2822, 38.7059, 11.2463



24.3195, 38.7059, 67.5262



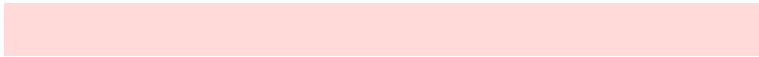
33.5035, 38.7059, 105.1232

Sweetspot

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



52.9253, 38.7079, 24.0843



78.8612, 76.5154, 76.0878



65.9336, 42.8714, 95.7912



16.4497, 15.7530, 15.4173



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.



52.9253, 38.7079, 24.0843



48.6103, 32.3626, 15.6021



64.3077, 61.4729, 27.8785



18.0655, 18.0991, 18.6857



21.6287, 11.2687, 1.0351



2.1248, 1.1349, 0.1071

Inverse Universe

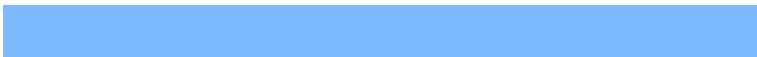
The Inverse Universe completely reimagines the original color for something new.



60.6910, 79.9469, 106.8400



57.1235, 77.6552, 106.5860



43.9964, 46.5577, 101.2751



18.4914, 20.3543, 23.2041



26.5480, 38.0056, 55.3712



2.6028, 3.7364, 5.3973

Previews

White Background



This preview shows how the XYZ color 52.9243, 38.7059, 24.0836 looks on a white background.

Color Contrast Check

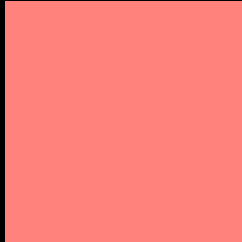
Large Text (above 18pt) WCAG AA × Fail

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 52.9243, 38.7059, 24.0836 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

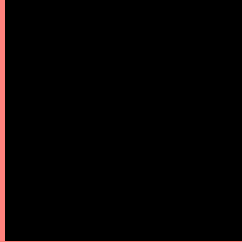
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.9243, 38.7059, 24.0836

Background



This preview shows how black text looks on a background with the XYZ color 52.9243, 38.7059, 24.0836.



This preview shows how white text looks on a background with the XYZ color 52.9243, 38.7059,

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

52.9243, 38.7059, 24.0836

Protanopia

36.6057, 38.8205, 31.1550

Deuteranopia

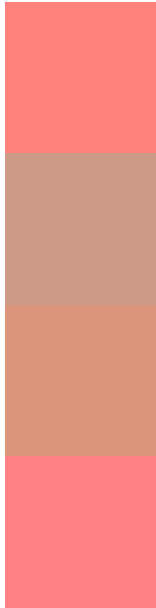
39.5142, 38.6398, 23.1449



Tritanopia

53.6777, 38.7955, 28.7039

Trichromacy



Original Color

52.9243, 38.7059, 24.0836

Protanomaly

41.1764, 37.8679, 28.4316

Deuteranomaly

43.4737, 37.9601, 23.4481

Tritanomaly

53.3239, 38.6540, 26.8408

Monochromacy



Original Color

52.9243, 38.7059, 24.0836

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

40.7763, 37.5203, 34.7988

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.9243, 38.7059, 24.0836 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, 130, 125)` looks like.

```
.text, #text, p{  
    color:rgb(255, 130, 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, 130, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 130, 125) }
```

Border

The CSS property to change the border of an element to XYZ 52.9243, 38.7059, 24.0836 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, 130, 125) }
```


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

```
.border{ border-color:rgb(255, 130, 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, 130, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 130, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 130, 125);  
box-shadow:4px 4px 4px 4px rgb(255, 130,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 52.9243, 38.7059, 24.0836 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 130, 125) }
```

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

```
.background{ background-color: rgb(255,  
130, 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](#).

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