

Converting Colors

XYZ(65.8153, 45.3359, 25.3854)

Have a look what the booklet for
XYZ(65.8153, 45.3359, 25.3854)
contains.

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Color

**XYZ(53.0534, 38.7576,
24.7634)**

Conversions

Conversions Part 1

Format	Color
Hex	FF827F
RGB	255, 130, 127
RGB Percent	100%, 51%, 50%
CMY	0.0000, 0.4902, 0.5020
CMYK	0.00, 0.49, 0.50, 0.00
HSL	1°, 100%, 75%
HSV	1°, 50%, 100%
XYZ	53.0534, 38.7576, 24.7634
YIQ	167.0330, 75.4630, 25.5670

Conversions

Conversions Part 2

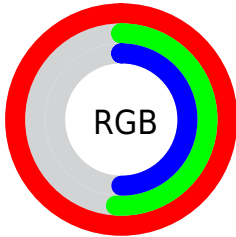
Format	Color
R _Y B	255, 130, 127
Decimal	16745087
CIE Lab	68.58, 47.13, 23.74
CIE LCh	69, 52.774, 26.732
Yxy	38.7576, 0.4551, 0.3325
Android (android.graphics.Color)	4294935167 (0xFFFF827F)
YUV	167.0330, -19.7363, 77.1471
Hunter-Lab	62.2556, 43.1680, 19.9951

Details

The XYZ color **53.0534, 38.7576, 24.7634** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **61.6106, 81.3483, 107.0620**, and the grayscale version is **36.8152, 38.7325, 42.1797**.

A 20% lighter version of the original color is **66.8272, 59.2532, 51.0949**, and **26.2772, 17.3271, 9.1672** is the 20% darker color. If you saturate the color by 10%, you get **48.6759, 32.3343, 16.1167**, and if you desaturate by 10%, it is **58.6547, 46.9557, 35.8933**.

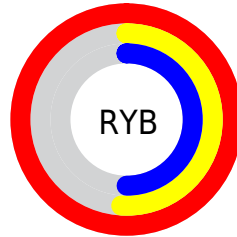
Distribution



Red (100%)

Green (51%)

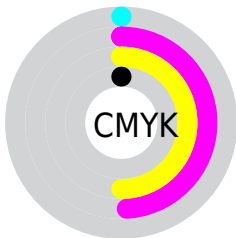
Blue (50%)



Red (100%)

Yellow (51%)

Blue (50%)

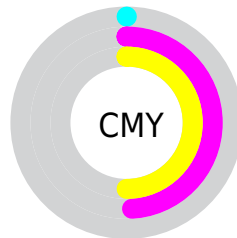


Cyan (0%)

Magenta (49%)

Yellow (50%)

Black (0%)



Cyan (0%)


Magenta (49%)


Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.0534, 38.7576, 24.7634 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 53.0534, 38.7576, 24.7634 by changing the saturation by 10% instead.


 53.0534, 38.7576,
24.7634


 53.0534, 38.7576,
24.7634


388.7475,
340.8588, 290.0675


 38.0730, 26.5712,
15.6835


 93.8480, 73.2679,
52.2325

 26.2169, 17.2514,
9.1485

 120.3930, 96.3605,
71.4587

 17.1195, 10.4139,
4.7400


 151.5235,
123.8574, 94.9041

 10.4155, 5.6743,
2.0395

187.6050,
156.1429, 122.9872

 5.7397, 2.6480,
0.5794

229.0028,
193.6014, 156.1265

 2.7266, 0.9509,
0.0000

276.0822,

 1.0109, 0.0000,

236.6173, 194.7407

0.0000

329.2087,
285.5749, 239.2481

■ 0.0000, 0.0000,
0.0000

■ 53.0534, 38.7576,
24.7634

■ 53.0534, 38.7576,
24.7634

■ 48.6759, 32.3343,
16.1167

■ 58.6547, 46.9557,
35.8933

■ 45.4282, 27.5493,
9.7609

■ 65.5587, 57.0401,
49.6745

■ 43.2072, 24.2560,
5.4792

■ 73.8413, 69.1200,
66.2630

■ 41.8899, 22.2793,
3.0123

■ 83.5717, 83.2948,
85.8022

■ 41.3049, 21.3900,
1.9517

94.8142, 99.6572,
108.4255

95.0498, 99.9999,
108.9000

Harmonies

Analogous

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



55.2301, 38.7576, 44.8663



53.0534, 38.7576, 24.7634



46.3292, 38.7576, 14.3141

Triad

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



53.0534, 38.7576, 24.7634



25.0151, 38.7576, 21.7263



35.9336, 38.7576, 106.4632

Complementary

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



53.0534, 38.7576, 24.7634



61.6106, 81.3483, 107.0620

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.



28.7405, 38.7576, 93.2717



53.0534, 38.7576, 24.7634



23.0628, 38.7576, 39.6424

Square

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



53.0534, 38.7576, 24.7634



30.0999, 38.7576, 13.0811



24.3172, 38.7576, 66.3480



44.5132, 38.7576, 97.7735

Rectangle

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



53.0534, 38.7576, 24.7634



40.6329, 38.7576, 11.4693



24.3172, 38.7576, 66.3480



33.2870, 38.7576, 104.3491

Sweetspot

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



53.0544, 38.7596, 24.7641



78.7122, 76.2175, 76.0381



66.5377, 43.5223, 97.7106



16.4144, 15.6825, 15.4056



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.



53.0544, 38.7596, 24.7641



48.7506, 32.4439, 16.2632



64.1702, 60.9913, 28.4694



18.0436, 18.0553, 18.6784



21.5976, 11.2063, 1.0247



2.1144, 1.1141, 0.1036

Inverse Universe

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



61.6106, 81.3483, 107.0620



58.1536, 79.2929, 106.8478



44.9715, 48.0701, 101.5156



18.5161, 20.4039, 23.2124



27.1504, 39.2103, 55.5720



2.6547, 3.8401, 5.4146

Previews

White Background



This preview shows how the XYZ color 53.0534, 38.7576, 24.7634 looks on a white background.

Color Contrast Check

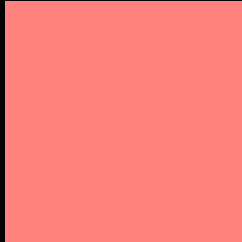
Large Text (above 18pt) WCAG AA × Fail

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 53.0534, 38.7576, 24.7634 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 53.0534, 38.7576, 24.7634

Background



This preview shows how black text looks on a background with the XYZ color 53.0534, 38.7576, 24.7634.



This preview shows how white text looks on a background with the XYZ color 53.0534, 38.7576,

24.7634.

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

53.0534, 38.7576, 24.7634

Protanopia

36.7573, 38.8812, 31.9531

Deuteranopia

39.8109, 39.0370, 23.8490



Tritanopia

53.6777, 38.7955, 28.7039

Trichromacy



Original Color

53.0534, 38.7576, 24.7634

Protanomaly

41.3199, 37.9253, 29.1873

Deuteranomaly

43.7579, 38.3280, 24.1605

Tritanomaly

53.3933, 38.6817, 27.2064

Monochromacy



Original Color

53.0534, 38.7576, 24.7634

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 53.0534, 38.7576, 24.7634 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, 127)` looks like.

```
.text, #text, p{  
    color:rgb(255, 130, 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(255, 130, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 130, 127) }
```

Border

The CSS property to change the border of an element to XYZ 53.0534, 38.7576, 24.7634 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, 127) }
```


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

```
.border{ border-color:rgb(255, 130, 127) }
```

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, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 130, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 130, 127);  
box-shadow:4px 4px 4px 4px rgb(255, 130,  
127) }
```

Background

The CSS property to change the background color of an element to XYZ 53.0534, 38.7576, 24.7634 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, 127) }
```

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

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

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