

Converting Colors

XYZ(53.1713, 38.7190, 25.6484)

Have a look what the booklet for
XYZ(53.1713, 38.7190, 25.6484)
contains.

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Color

**XYZ(53.2519, 38.8370,
25.8087)**

Conversions

Conversions Part 1

Format	Color
Hex	FF8282
RGB	255, 130, 130
RGB Percent	100%, 51%, 51%
CMY	0.0000, 0.4902, 0.4902
CMYK	0.00, 0.49, 0.49, 0.00
HSL	0°, 100%, 75%
HSV	0°, 49%, 100%
XYZ	53.2519, 38.8370, 25.8087
YIQ	167.3750, 74.5000, 26.5000

Conversions

Conversions Part 2

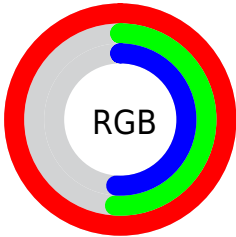
Format	Color
R _Y B	255, 130, 130
Decimal	16745090
CIE Lab	68.63, 47.40, 22.14
CIE LCh	69, 52.315, 25.042
Yxy	38.8370, 0.4517, 0.3294
Android (android.graphics.Color)	4294935170 (0xFFFF8282)
YUV	167.3750, -18.4259, 76.8471
Hunter-Lab	62.3193, 43.4695, 19.0694

Details

The XYZ color **53.2519, 38.8370, 25.8087** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **63.0137, 83.4812, 107.3997**, and the grayscale version is **36.9764, 38.9020, 42.3643**.

A 20% lighter version of the original color is **67.1362, 59.3768, 52.7222**, and **26.3872, 17.3712, 9.7468** is the 20% darker color. If you saturate the color by 10%, you get **48.7658, 32.2731, 16.8896**, and if you desaturate by 10%, it is **59.0042, 47.2550, 37.2427**.

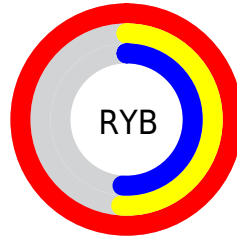
Distribution



Red (100%)

Green (51%)

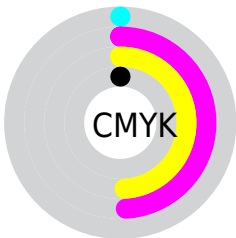
Blue (51%)



Red (100%)

Yellow (51%)

Blue (51%)

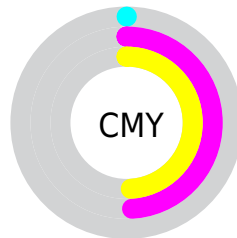


Cyan (0%)

Magenta (49%)

Yellow (49%)

Black (0%)



Cyan (0%)


Magenta (49%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.2519, 38.8370, 25.8087 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 53.2519, 38.8370, 25.8087 by changing the saturation by 10% instead.


 53.2519, 38.8370,
25.8087


 53.2519, 38.8370,
25.8087


389.4959,
341.1970, 295.4173


 38.2322, 26.6329,
16.4561


 94.1383, 73.3892,
53.9465

 26.3410, 17.2977,
9.6896


 120.7357, 96.5062,
73.5687

 17.2129, 10.4470,
5.0908


 151.9230,
124.0296, 97.4512

 10.4827, 5.6963,
2.2409

188.0655,
156.3439, 126.0126

 5.7848, 2.6613,
0.6978

229.5288,
193.8333, 159.6714

 2.7541, 0.9576,
0.0000

276.6780,

 1.0251, 0.0000,

236.8824, 198.8460

0.0000

329.8786,
285.8755, 243.9552

■ 0.0000, 0.0000,
0.0000

■ 53.2519, 38.8370,
25.8087

■ 53.2519, 38.8370,
25.8087

■ 48.7658, 32.2731,
16.8896

■ 59.0042, 47.2550,
37.2427

■ 45.4479, 27.4180,
10.2942

■ 66.1053, 57.6460,
51.3592

■ 43.1906, 24.1148,
5.8071


■ 74.6341, 70.1260,
68.3141

■ 41.8651, 22.1749,
3.1723

■ 84.6627, 84.8006,
88.2505

■ 41.2809, 21.3200,
2.0113

95.0499, 99.9999,
108.9000

 41.2400, 21.2602,
1.9300

Harmonies

Analogous

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



55.1031, 38.8370, 46.3404



53.2519, 38.8370, 25.8087



46.7809, 38.8370, 14.8911

Triad

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



53.2519, 38.8370, 25.8087



25.3675, 38.8370, 21.2137



35.5579, 38.8370, 105.7102

Complementary

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



53.2519, 38.8370, 25.8087



63.0137, 83.4812, 107.3997

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.



28.5412, 38.8370, 91.5887



53.2519, 38.8370, 25.8087



23.2446, 38.8370, 38.4769

Square

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



53.2519, 38.8370, 25.8087



30.5910, 38.8370, 13.0158



24.3137, 38.8370, 64.6084



44.0520, 38.8370, 98.3272

Rectangle

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



53.2519, 38.8370, 25.8087



41.1660, 38.8370, 11.8086



24.3137, 38.8370, 64.6084



32.9643, 38.8370, 103.2051

Sweetspot

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



53.2529, 38.8390, 25.8094



78.4809, 75.7548, 75.9610



67.2726, 44.4454, 99.6406



16.3598, 15.5732, 15.3873



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.



53.2529, 38.8390, 25.8094



48.7734, 32.2841, 16.9045



64.2289, 60.7910, 29.4681



18.0095, 17.9873, 18.6670



21.5489, 11.1090, 1.0085



2.0982, 1.0817, 0.0982

Inverse Universe

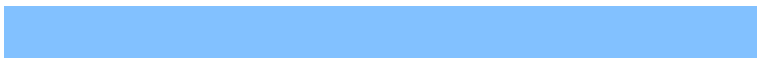
The Inverse Universe completely reimagines the original color for something new.



63.0137, 83.4812, 107.3997



59.5803, 81.7108, 107.2393



46.2157, 49.8853, 101.8004



18.5549, 20.4813, 23.2253



28.1146, 41.1387, 55.8934



2.7374, 4.0056, 5.4421

Previews

White Background



This preview shows how the XYZ color 53.2519, 38.8370, 25.8087 looks on a white background.

Color Contrast Check

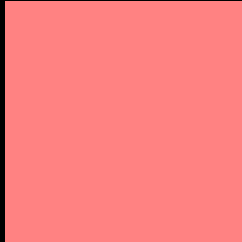
Large Text (above 18pt) WCAG AA × Fail

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 53.2519, 38.8370, 25.8087 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 53.2519, 38.8370, 25.8087

Background



This preview shows how black text looks on a background with the XYZ color 53.2519, 38.8370, 25.8087.



This preview shows how white text looks on a background with the XYZ color 53.2519, 38.8370,

25.8087.

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

53.2519, 38.8370, 25.8087

Protanopia

36.8432, 38.8895, 33.5816

Deuteranopia

39.7352, 38.9762, 24.8309



Tritanopia

53.6777, 38.7955, 28.7039

Trichromacy



Original Color

53.2519, 38.8370, 25.8087



Protanomaly

41.2652, 37.8717, 30.3344



Deuteranomaly

43.9505, 38.4051, 25.1751



Tritanomaly

53.4634, 38.7098, 27.5756

Monochromacy



Original Color

53.2519, 38.8370, 25.8087



Achromatopsia

36.7301, 38.6429, 42.0822



Achromatomaly

40.9415, 37.5864, 35.6689

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.2519, 38.8370, 25.8087 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, 130)` looks like.

```
.text, #text, p{  
    color:rgb(255, 130, 130)  
}
```

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, 130) colored shadow looks like.

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

Border

The CSS property to change the border of an element to XYZ 53.2519, 38.8370, 25.8087 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, 130) }
```


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

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

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, 130)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to XYZ 53.2519, 38.8370, 25.8087 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, 130) }
```

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

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

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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