

Converting Colors

XYZ(53.1287, 38.8488, 24.9730)

Have a look what the booklet for
XYZ(53.1287, 38.8488, 24.9730)
contains.

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Color

**XYZ(53.1189, 38.7838,
25.1084)**

Conversions

Conversions Part 1

Format	Color
Hex	FF8280
RGB	255, 130, 128
RGB Percent	100%, 51%, 50%
CMY	0.0000, 0.4902, 0.4980
CMYK	0.00, 0.49, 0.50, 0.00
HSL	1°, 100%, 75%
HSV	1°, 50%, 100%
XYZ	53.1189, 38.7838, 25.1084
YIQ	167.1470, 75.1420, 25.8780

Conversions

Conversions Part 2

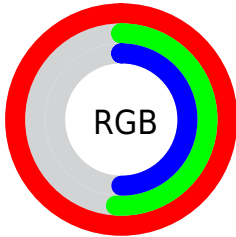
Format	Color
RYB	255, 130, 128
Decimal	16745088
CIELab	68.59, 47.22, 23.21
CIELCh	69, 52.615, 26.173
Yxy	38.7838, 0.4540, 0.3315
Android (android.graphics.Color)	4294935168 (0xFFFF8280)
YUV	167.1470, -19.2995, 77.0471
Hunter-Lab	62.2766, 43.2676, 19.6894

Details

The XYZ color **53.1189, 38.7838, 25.1084** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **62.0751, 82.0551, 107.1739**, and the grayscale version is **36.8689, 38.7889, 42.2412**.

A 20% lighter version of the original color is **66.9295, 59.2941, 51.6334**, and **26.3133, 17.3416, 9.3575** is the 20% darker color. If you saturate the color by 10%, you get **48.7055, 32.3142, 16.3712**, and if you desaturate by 10%, it is **58.7699, 47.0540, 36.3392**.

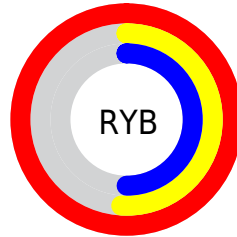
Distribution



Red (100%)

Green (51%)

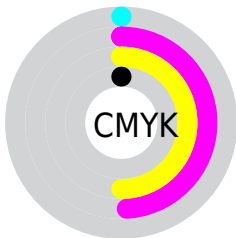
Blue (50%)



Red (100%)

Yellow (51%)

Blue (50%)

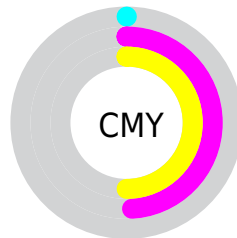


Cyan (0%)

Magenta (49%)

Yellow (50%)

Black (0%)



Cyan (0%)


Magenta (49%)


Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.1189, 38.7838, 25.1084 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 53.1189, 38.7838, 25.1084 by changing the saturation by 10% instead.


 53.1189, 38.7838,
25.1084


 53.1189, 38.7838,
25.1084


388.9945,
340.9704, 291.8423


 38.1256, 26.5916,
15.9381

 93.9438, 73.3079,
52.7993

 26.2578, 17.2667,
9.3265


 120.5061, 96.4086,
72.1570

 17.1503, 10.4248,
4.8550


 151.6554,
123.9142, 95.7476

 10.4377, 5.6815,
2.1052

187.7570,
156.2092, 123.9895

 5.7546, 2.6524,
0.6189

229.1764,
193.6779, 157.3014

 2.7357, 0.9531,
0.0000

276.2789,

 1.0156, 0.0000,

236.7048, 196.1018

0.0000

329.4298,
285.6741, 240.8093

■ 0.0000, 0.0000,
0.0000

■ 53.1189, 38.7838,
25.1084

■ 53.1189, 38.7838,
25.1084

■ 48.7055, 32.3142,
16.3712

■ 58.7699, 47.0540,
36.3392

■ 45.4345, 27.5059,
9.9359

■ 65.7387, 57.2387,
50.2317

■ 43.2013, 24.2089,
5.5860

■ 74.1020, 69.4494,
66.9417

■ 41.8810, 22.2439,
3.0635

■ 83.9300, 83.7873,
86.6125

■ 41.2917, 21.3592,
1.9608

95.0498, 99.9999,
108.9000

■ 41.2836, 21.3474,
1.9446

Harmonies

Analogous

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



55.1872, 38.7838, 45.3534



53.1189, 38.7838, 25.1084



46.4789, 38.7838, 14.5047

Triad

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



53.1189, 38.7838, 25.1084



25.1321, 38.7838, 21.5547



35.8079, 38.7838, 106.2103

Complementary

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



53.1189, 38.7838, 25.1084



62.0751, 82.0551, 107.1739

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.



28.6739, 38.7838, 92.7075



53.1189, 38.7838, 25.1084



23.1232, 38.7838, 39.2514

Square

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



53.1189, 38.7838, 25.1084



30.2628, 38.7838, 13.0595



24.3161, 38.7838, 65.7644



44.3589, 38.7838, 97.9562

Rectangle

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



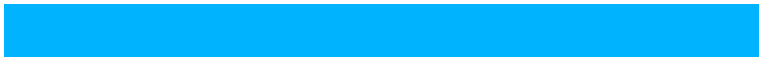
53.1189, 38.7838, 25.1084



40.8096, 38.7838, 11.5818



24.3161, 38.7838, 65.7644



33.1791, 38.7838, 103.9654

Sweetspot

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



53.1199, 38.7858, 25.1091



78.6362, 76.0654, 76.0128



67.0091, 43.9185, 99.5527



16.3965, 15.6466, 15.3996



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.



53.1199, 38.7858, 25.1091



48.6308, 32.2043, 16.2233



63.8763, 60.2986, 28.6946



18.0324, 18.0330, 18.6746



21.5816, 11.1744, 1.0194



2.1091, 1.1035, 0.1018

Inverse Universe

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



62.0751, 82.0551, 107.1739



58.5230, 80.0318, 106.9709



45.6923, 49.2894, 101.7129



18.5288, 20.4293, 23.2166



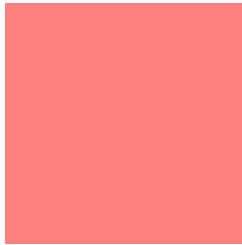
27.4634, 39.8364, 55.6763



2.6816, 3.8939, 5.4235

Previews

White Background



This preview shows how the XYZ color 53.1189, 38.7838, 25.1084 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 53.1189, 38.7838, 25.1084 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 53.1189, 38.7838, 25.1084

Background



This preview shows how black text looks on a background with the XYZ color 53.1189, 38.7838, 25.1084.



This preview shows how white text looks on a background with the XYZ color 53.1189, 38.7838,

25.1084.

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

53.1189, 38.7838, 25.1084

Protanopia

36.9115, 38.9429, 32.7654

Deuteranopia

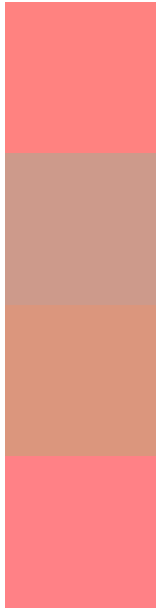
39.8732, 39.0619, 24.1770



Tritanopia

53.6777, 38.7955, 28.7039

Trichromacy



Original Color

53.1189, 38.7838, 25.1084

Protanomaly

41.3926, 37.9544, 29.5704

Deuteranomaly

43.8214, 38.3534, 24.4953

Tritanomaly

53.3933, 38.6817, 27.2064

Monochromacy



Original Color

53.1189, 38.7838, 25.1084

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

40.8586, 37.5532, 35.2320

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.1189, 38.7838, 25.1084 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, 128)` looks like.

```
.text, #text, p{  
    color:rgb(255, 130, 128)  
}
```

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, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 130, 128) }
```

Border

The CSS property to change the border of an element to XYZ 53.1189, 38.7838, 25.1084 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, 128) }
```


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

```
.border{ border-color:rgb(255, 130, 128) }
```

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, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 130, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 130, 128);  
box-shadow:4px 4px 4px 4px rgb(255, 130,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 53.1189, 38.7838, 25.1084 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, 128) }
```

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

```
.background{ background-color: rgb(255,  
130, 128) }
```

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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