

Converting Colors

XYZ(53.4850, 39.5691, 25.0686)

Have a look what the booklet for
XYZ(53.4850, 39.5691, 25.0686)
contains.

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Color

**XYZ(53.5238, 39.5936,
25.2434)**

Conversions

Conversions Part 1

Format	Color
Hex	FF8580
RGB	255, 133, 128
RGB Percent	100%, 52%, 50%
CMY	0.0000, 0.4784, 0.4980
CMYK	0.00, 0.48, 0.50, 0.00
HSL	2°, 100%, 75%
HSV	2°, 50%, 100%
XYZ	53.5238, 39.5936, 25.2434
YIQ	168.9080, 74.3170, 24.3090

Conversions

Conversions Part 2

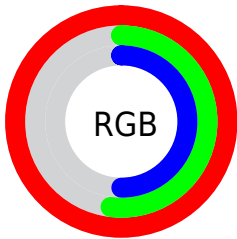
Format	Color
R _Y B	255, 133, 128
Decimal	16745856
CIE Lab	69.18, 45.74, 24.00
CIE LCh	69, 51.656, 27.681
Yxy	39.5936, 0.4522, 0.3345
Android (android.graphics.Color)	4294935936 (0xFFFF8580)
YUV	168.9080, -20.1676, 75.5027
Hunter-Lab	62.9234, 41.7192, 20.2607

Details

The XYZ color **53.5238, 39.5936, 25.2434** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **61.1355, 80.1760, 106.8607**, and the grayscale version is **37.7386, 39.7039, 43.2376**.

A 20% lighter version of the original color is **67.5637, 60.5626, 51.8448**, and **26.5281, 17.7712, 9.4291** is the 20% darker color. If you saturate the color by 10%, you get **49.0799, 33.0629, 16.4961**, and if you desaturate by 10%, it is **59.1733, 47.8607, 36.4737**.

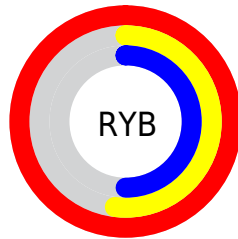
Distribution



Red (100%)

Green (52%)

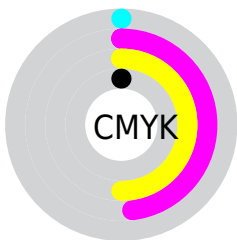
Blue (50%)



Red (100%)

Yellow (52%)

Blue (50%)

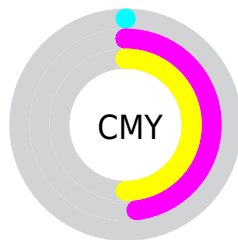


Cyan (0%)

Magenta (48%)

Yellow (50%)

Black (0%)



Cyan (0%)


Magenta (48%)


Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.5238, 39.5936, 25.2434 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 53.5238, 39.5936, 25.2434 by changing the saturation by 10% instead.


 53.5238, 39.5936,
25.2434


 53.5238, 39.5936,
25.2434


390.5195,
344.4077, 292.5343

 38.4502, 27.2218,
16.0378


 94.5357, 74.5443,
53.0208

 26.5111, 17.7399,
9.3963


 121.2047, 97.8919,
72.4297

 17.3411, 10.7634,
4.9002


 152.4696,
125.6670, 96.0769

 10.5748, 5.9080,
2.1311

188.6957,
158.2540, 124.3807

 5.8469, 2.7892,
0.6342

230.2484,
196.0371, 157.7599

 2.7920, 1.0227,
0.0000

277.4931,

 1.0447, 0.0000,

239.4008, 196.6328

0.0000

330.7950,
288.7295, 241.4181

■ 0.0000, 0.0000,
0.0000

■ 53.5238, 39.5936,
25.2434

■ 53.5238, 39.5936,
25.2434

■ 49.0799, 33.0629,
16.4961

■ 59.1733, 47.8607,
36.4737

■ 45.7512, 28.1393,
10.0415

■ 66.1040, 57.9694,
50.3535

■ 43.4395, 24.6854,
5.6655

■ 74.3890, 70.0234,
67.0374

■ 42.0282, 22.5383,
3.1125

■ 84.0950, 84.1174,
86.6676

■ 41.3570, 21.4898,
1.9826

95.0498, 99.9999,
108.9000

■ 41.3489, 21.4781,
1.9664

Harmonies

Analogous

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



55.8390, 39.5936, 44.9781



53.5238, 39.5936, 25.2434



46.7795, 39.5936, 14.9624

Triad

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



53.5238, 39.5936, 25.2434



25.7421, 39.5936, 23.0767



36.9933, 39.5936, 106.4092

Complementary

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



53.5238, 39.5936, 25.2434



61.1355, 80.1760, 106.8607

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.



29.7631, 39.5936, 94.1126



53.5238, 39.5936, 25.2434



23.8882, 39.5936, 41.2957

Square

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



53.5238, 39.5936, 25.2434



30.7256, 39.5936, 14.0715



25.2462, 39.5936, 67.8837



45.5040, 39.5936, 97.2449

Rectangle

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



53.5238, 39.5936, 25.2434



41.1243, 39.5936, 12.1906



25.2462, 39.5936, 67.8837



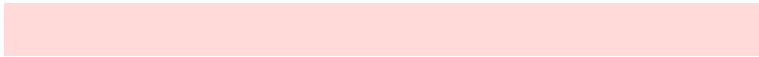
34.3442, 39.5936, 104.5748

Sweetspot

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



53.5248, 39.5957, 25.2441



78.8702, 76.5335, 76.0908



66.3349, 43.6488, 96.0026



16.4518, 15.7572, 15.4180



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.



53.5248, 39.5957, 25.2441



49.0042, 32.9511, 16.3478



64.8161, 62.1782, 29.0079



18.0668, 18.1017, 18.6861



21.6306, 11.2725, 1.0357



2.1254, 1.1362, 0.1073

Inverse Universe

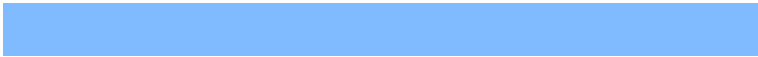
The Inverse Universe completely reimagines the original color for something new.



61.1355, 80.1760, 106.8607



57.3953, 77.7765, 106.5951



44.7792, 47.4633, 101.4086



18.4899, 20.3513, 23.2036



26.5119, 37.9333, 55.3591



2.5997, 3.7301, 5.3962

Previews

White Background



This preview shows how the XYZ color 53.5238, 39.5936, 25.2434 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 53.5238, 39.5936, 25.2434 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 53.5238, 39.5936, 25.2434

Background



This preview shows how black text looks on a background with the XYZ color 53.5238, 39.5936, 25.2434.



This preview shows how white text looks on a background with the XYZ color 53.5238, 39.5936,

25.2434.

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

53.5238, 39.5936, 25.2434

Protanopia

37.6589, 39.8852, 32.5018

Deuteranopia

40.5829, 39.6882, 24.2605



Tritanopia

54.2990, 39.6856, 29.9975

Trichromacy



Original Color

53.5238, 39.5936, 25.2434

Protanomaly

42.0023, 38.7628, 29.6943

Deuteranomaly

44.5871, 38.9860, 24.5771

Tritanomaly

53.9352, 39.5401, 28.0819

Monochromacy



Original Color

53.5238, 39.5936, 25.2434

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

41.5406, 38.3894, 35.7923

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.5238, 39.5936, 25.2434 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, 133, 128)` looks like.

```
.text, #text, p{  
    color:rgb(255, 133, 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, 133, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 133, 128) }
```

Border

The CSS property to change the border of an element to XYZ 53.5238, 39.5936, 25.2434 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, 133, 128) }
```


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

```
.border{ border-color:rgb(255, 133, 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, 133, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 133, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 133, 128);  
box-shadow:4px 4px 4px 4px rgb(255, 133,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 53.5238, 39.5936, 25.2434 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 133, 128) }
```

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

```
.background{ background-color: rgb(255,  
133, 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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