

Converting Colors

XYZ(53.0512, 38.2337, 26.3660)

Have a look what the booklet for
XYZ(53.0512, 38.2337, 26.3660)
contains.

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Color

**XYZ(53.1240, 38.3643,
26.4349)**

Conversions

Conversions Part 1

Format	Color
Hex	FF8084
RGB	255, 128, 132
RGB Percent	100%, 50%, 52%
CMY	0.0000, 0.4980, 0.4823
CMYK	0.00, 0.50, 0.48, 0.00
HSL	358°, 100%, 75%
HSV	358°, 50%, 100%
XYZ	53.1240, 38.3643, 26.4349
YIQ	166.4290, 74.4080, 28.1680

Conversions

Conversions Part 2

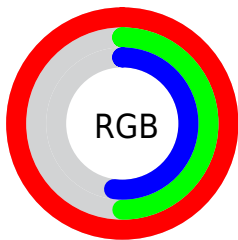
Format	Color
R _Y B	255, 128, 132
Decimal	16744580
CIE Lab	68.29, 48.55, 20.56
CIE LCh	68, 52.725, 22.947
Yxy	38.3643, 0.4505, 0.3253
Android (android.graphics.Color)	4294934660 (0xFFFF8084)
YUV	166.4290, -16.9735, 77.6768
Hunter-Lab	61.9389, 44.7034, 18.0529

Details

The XYZ color **53.1240, 38.3643, 26.4349** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **62.0768, 83.0750, 104.0355**, and the grayscale version is **36.5088, 38.4101, 41.8286**.

A 20% lighter version of the original color is **66.9304, 58.6298, 53.6880**, and **26.2582, 16.9914, 10.0793** is the 20% darker color. If you saturate the color by 10%, you get **48.7111, 31.9307, 17.5895**, and if you desaturate by 10%, it is **58.7745, 46.6331, 37.6671**.

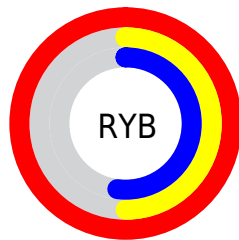
Distribution



Red (100%)

Green (50%)

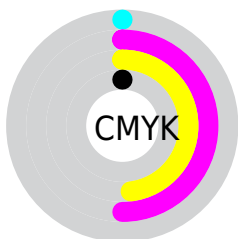
Blue (52%)



Red (100%)

Yellow (50%)

Blue (52%)

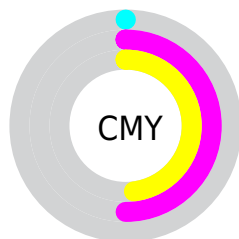


Cyan (0%)

Magenta (50%)

Yellow (48%)

Black (0%)



Cyan (0%)


Magenta (50%)


Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.1240, 38.3643, 26.4349 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 53.1240, 38.3643, 26.4349 by changing the saturation by 10% instead.


 53.1240, 38.3643,
26.4349


 53.1240, 38.3643,
26.4349


389.0138,
339.1801, 298.5836


 38.1296, 26.2656,
16.9206


 93.9513, 72.6662,
54.9684

 26.2610, 17.0224,
10.0165

 120.5149, 95.6381,
74.8247

 17.1527, 10.2505,
5.3042


 151.6656,
123.0032, 98.9653

 10.4394, 5.5653,
2.3650

187.7689,
155.1458, 127.8089

 5.7557, 2.5826,
0.7673

229.1899,
192.4505, 161.7740

 2.7364, 0.9179,
0.0000

276.2942,

 1.0159, 0.0000,

235.3015, 201.2791

0.0000

329.4470,
284.0832, 246.7428

■ 0.0000, 0.0000,
0.0000

■ 53.1240, 38.3643,
26.4349

■ 53.1240, 38.3643,
26.4349

■ 48.7111, 31.9307,
17.5895

■ 58.7745, 46.6331,
37.6671

■ 45.4404, 27.1872,
10.9565

■ 65.7428, 56.8558,
51.4393

■ 43.2073, 23.9767,
6.3412

■ 74.1058, 69.1483,
67.8945

■ 41.8868, 22.1100,
3.5142

■ 83.9335, 83.6157,
87.1642

■ 41.2920, 21.2896,
2.1774

95.0498, 99.9999,
108.9000

■ 41.2838, 21.2775,
2.1613

Harmonies

Analogous

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



54.5976, 38.3643, 47.6070



53.1240, 38.3643, 26.4349



46.8907, 38.3643, 14.9790

Triad

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



53.1240, 38.3643, 26.4349



25.2050, 38.3643, 19.9292



34.5494, 38.3643, 105.0913

Complementary

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



53.1240, 38.3643, 26.4349



62.0768, 83.0750, 104.0355

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.



27.7105, 38.3643, 89.5786



53.1240, 38.3643, 26.4349



22.8690, 38.3643, 36.4348

Square

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



53.1240, 38.3643, 26.4349



30.6181, 38.3643, 12.3343



23.7116, 38.3643, 62.1245



43.0105, 38.3643, 99.1863

Rectangle

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



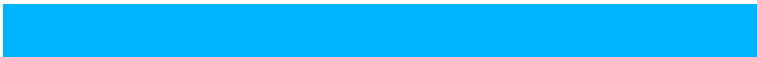
53.1240, 38.3643, 26.4349



41.3206, 38.3643, 11.6388



23.7116, 38.3643, 62.1245



32.0039, 38.3643, 102.0598

Sweetspot

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



53.1250, 38.3663, 26.4356



78.6372, 75.8164, 76.7866



65.4697, 43.1263, 99.4809



16.3967, 15.5878, 15.5825



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.



53.1250, 38.3663, 26.4356



48.6353, 31.8203, 17.4364



62.9644, 58.4743, 28.3929



18.0325, 17.9963, 18.7884



21.5817, 11.1220, 1.1820



2.1091, 1.0860, 0.1560

Inverse Universe

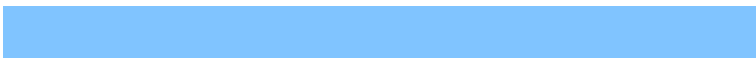
The Inverse Universe completely reimagines the original color for something new.



53.1250, 38.3663, 26.4356



48.6353, 31.8203, 17.4364



46.6338, 51.1710, 102.0265



18.0325, 17.9963, 18.7884



21.5817, 11.1220, 1.1820



2.1091, 1.0860, 0.1560

Previews

White Background



This preview shows how the XYZ color 53.1240, 38.3643, 26.4349 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 53.1240, 38.3643, 26.4349 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

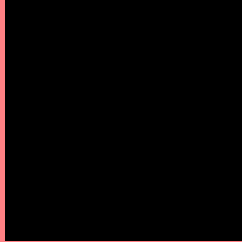
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.1240, 38.3643, 26.4349

Background



This preview shows how black text looks on a background with the XYZ color 53.1240, 38.3643, 26.4349.



This preview shows how white text looks on a background with the XYZ color 53.1240, 38.3643,

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

53.1240, 38.3643, 26.4349

Protanopia

36.6777, 38.5055, 34.7773

Deuteranopia

39.1665, 38.4097, 25.4282



Tritanopia

53.4031, 38.4759, 27.9045

Trichromacy



Original Color

53.1240, 38.3643, 26.4349

Protanomaly

40.8909, 37.1666, 31.4042

Deuteranomaly

43.1676, 37.5165, 25.7351

Tritanomaly

53.3323, 38.4476, 27.5319

Monochromacy



Original Color

53.1240, 38.3643, 26.4349

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

40.3497, 36.7953, 35.5474

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.1240, 38.3643, 26.4349 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, 128, 132)` looks like.

```
.text, #text, p{  
    color:rgb(255, 128, 132)  
}
```

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, 128, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 128, 132) }
```

Border

The CSS property to change the border of an element to XYZ 53.1240, 38.3643, 26.4349 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, 128, 132) }
```


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

```
.border{ border-color:rgb(255, 128, 132) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(255, 128, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 128, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 128, 132);  
box-shadow:4px 4px 4px 4px rgb(255, 128,  
132) }
```

Background

The CSS property to change the background color of an element to XYZ 53.1240, 38.3643, 26.4349 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 128, 132) }
```

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

```
.background{ background-color: rgb(255,  
128, 132) }
```

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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