

Converting Colors

XYZ(53.7349, 38.1953, 30.9259)

Have a look what the booklet for
XYZ(53.7349, 38.1953, 30.9259)
contains.

XYZ(53.7349, 38.1953, 30.9259)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(53.7349, 38.1953,
30.9259)**

Conversions

Conversions Part 1

Format	Color
Hex	FF7E90
RGB	255, 126, 144
RGB Percent	100%, 49%, 56%
CMY	0.0000, 0.5059, 0.4353
CMYK	0.00, 0.51, 0.44, 0.00
HSL	352°, 100%, 75%
HSV	352°, 51%, 100%
XYZ	53.7349, 38.1953, 30.9259
YIQ	166.6230, 71.1060, 32.9460

Conversions

Conversions Part 2

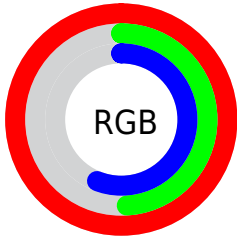
Format	Color
RYB	255, 126, 144
Decimal	16744080
CIELab	68.16, 50.66, 13.64
CIElCh	68, 52.465, 15.073
Yxy	38.1953, 0.4374, 0.3109
Android (android.graphics.Color)	4294934160 (0xFFFF7E90)
YUV	166.6230, -11.1531, 77.5066
Hunter-Lab	61.8023, 47.0452, 13.5929

Details

The XYZ color **53.7349, 38.1953, 30.9259** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **59.6523, 82.0709, 92.8230**, and the grayscale version is **36.5767, 38.4815, 41.9064**.

A 20% lighter version of the original color is **68.1610, 58.7931, 61.1818**, and **26.5859, 16.9122, 12.4528** is the 20% darker color. If you saturate the color by 10%, you get **49.3624, 31.8786, 21.9827**, and if you desaturate by 10%, it is **59.2662, 46.3081, 41.8641**.

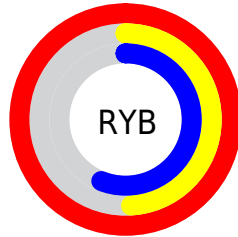
Distribution



Red (100%)

Green (49%)

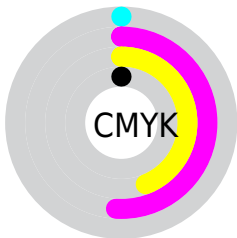
Blue (56%)



Red (100%)

Yellow (49%)

Blue (56%)

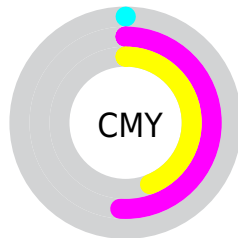


Cyan (0%)

Magenta (51%)

Yellow (44%)

Black (0%)



Cyan (0%)


Magenta (51%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.7349, 38.1953, 30.9259 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 53.7349, 38.1953, 30.9259 by changing the saturation by 10% instead.


 53.7349, 38.1953,
30.9259


 53.7349, 38.1953,
30.9259


391.3132,
338.4570, 320.5374


 38.6196, 26.1343,
20.2844


 94.8441, 72.4074,
62.2016

 26.6433, 16.9241,
12.4158


 121.5686, 95.3273,
83.6729

 17.4407, 10.1804,
6.9016


 152.8937,
122.6355, 109.5913

 10.6465, 5.5187,
3.3231

189.1845,
154.7166, 140.3752

 5.8952, 2.5547,
1.2619

230.8065,
191.9549, 176.4432

 2.8215, 0.9040,
0.0303

278.1251,

 1.0601, 0.0000,

234.7348, 218.2139

0.0000

331.5055,
283.4407, 266.1058

■ 0.0000, 0.0000,
0.0000

■ 53.7349, 38.1953,
30.9259

■ 53.7349, 38.1953,
30.9259

■ 49.3624, 31.8786,
21.9827

■ 59.2662, 46.3081,
41.8641

■ 46.0624, 27.2155,
14.9112

■ 66.0285, 56.3332,
54.9064

■ 43.7409, 24.0518,
9.5772

■ 74.0914, 68.3843,
70.1561

■ 42.2862, 22.2013,
5.8274

■ 83.5187, 82.5642,
87.7094

■ 41.5519, 21.3847,
3.5725

■ 94.3696, 98.9690,
107.6565

95.0499, 100.0000,
108.9000

Harmonies

Analogous

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



53.7484, 38.1953, 54.3232



53.7349, 38.1953, 30.9259



48.6013, 38.1953, 17.1286

Triad

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



53.7349, 38.1953, 30.9259



26.2547, 38.1953, 17.1738



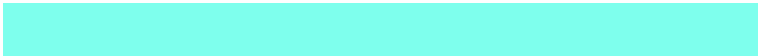
32.3956, 38.1953, 102.1749

Complementary

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



53.7349, 38.1953, 30.9259



59.6523, 82.0709, 92.8230

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.



26.2777, 38.1953, 82.3985



53.7349, 38.1953, 30.9259



23.1120, 38.1953, 31.0174

Square

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



53.7349, 38.1953, 30.9259



32.3596, 38.1953, 11.4681



23.1197, 38.1953, 54.4564



40.5555, 38.1953, 102.1205

Rectangle

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



53.7349, 38.1953, 30.9259



43.3546, 38.1953, 12.6278



23.1197, 38.1953, 54.4564



30.0616, 38.1953, 97.3728

Sweetspot

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



53.7359, 38.1973, 30.9266



79.1848, 76.0354, 79.6702



59.9881, 39.9168, 99.1506



16.5265, 15.6397, 16.2658



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.



53.7359, 38.1973, 30.9266



49.2049, 31.6533, 21.6531



59.5985, 51.9509, 26.6276



18.1125, 18.0283, 19.2098



21.7429, 11.1865, 2.0307



2.1468, 1.1011, 0.3547

Inverse Universe

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



53.7359, 38.1973, 30.9266



49.2049, 31.6533, 21.6531



49.6655, 57.6766, 103.1226



18.1125, 18.0283, 19.2098



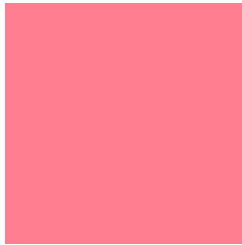
21.7429, 11.1865, 2.0307



2.1468, 1.1011, 0.3547

Previews

White Background



This preview shows how the XYZ color 53.7349, 38.1953, 30.9259 looks on a white background.

Color Contrast Check

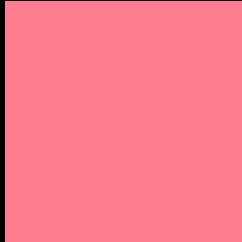
Large Text (above 18pt) WCAG AA × Fail

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 53.7349, 38.1953, 30.9259 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

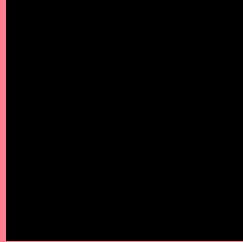
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.7349, 38.1953, 30.9259

Background



This preview shows how black text looks on a background with the XYZ color 53.7349, 38.1953, 30.9259.



This preview shows how white text looks on a background with the XYZ color 53.7349, 38.1953,

30.9259.

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

53.7349, 38.1953, 30.9259

Protanopia

37.0053, 38.5351, 41.0849

Deuteranopia

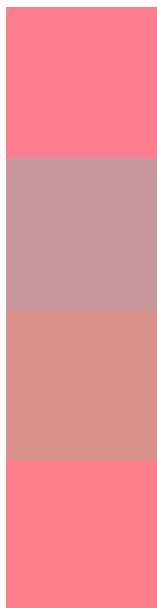
39.1506, 38.3140, 29.3766



Tritanopia

52.9064, 38.0271, 27.8441

Trichromacy



Original Color

53.7349, 38.1953, 30.9259

Protanomaly

41.2398, 36.9850, 36.8635

Deuteranomaly

43.6424, 37.6722, 29.7822

Tritanomaly

53.1226, 38.1137, 28.9829

Monochromacy



Original Color

53.7349, 38.1953, 30.9259

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

41.0394, 37.1018, 37.7992

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.7349, 38.1953, 30.9259 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, 126, 144)` looks like.

```
.text, #text, p{  
    color:rgb(255, 126, 144)  
}
```

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, 126, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 126, 144) }
```

Border

The CSS property to change the border of an element to XYZ 53.7349, 38.1953, 30.9259 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, 126, 144) }
```


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

```
.border{ border-color:rgb(255, 126, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 126, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 126, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 126, 144);  
box-shadow:4px 4px 4px 4px rgb(255, 126,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 53.7349, 38.1953, 30.9259 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 126, 144) }
```

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

```
.background{ background-color: rgb(255,  
126, 144) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor