

Converting Colors

XYZ(53.9932, 38.7120, 31.0120)

Have a look what the booklet for
XYZ(53.9932, 38.7120, 31.0120)
contains.

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Color

**XYZ(53.9932, 38.7120,
31.0120)**

Conversions

Conversions Part 1

Format	Color
Hex	FF8090
RGB	255, 128, 144
RGB Percent	100%, 50%, 56%
CMY	0.0000, 0.4980, 0.4353
CMYK	0.00, 0.50, 0.44, 0.00
HSL	352°, 100%, 75%
HSV	352°, 50%, 100%
XYZ	53.9932, 38.7120, 31.0120
YIQ	167.7970, 70.5560, 31.9000

Conversions

Conversions Part 2

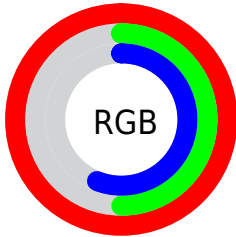
Format	Color
RYB	255, 128, 144
Decimal	16744592
CIELab	68.54, 49.69, 14.17
CIElCh	69, 51.674, 15.919
Yxy	38.7120, 0.4364, 0.3129
Android (android.graphics.Color)	4294934672 (0xFFFF8090)
YUV	167.7970, -11.7319, 76.4770
Hunter-Lab	62.2190, 46.0179, 14.0012

Details

The XYZ color **53.9932, 38.7120, 31.0120** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **60.2441, 82.3420, 94.3849**, and the grayscale version is **37.1526, 39.0874, 42.5662**.

A 20% lighter version of the original color is **68.3665, 59.2042, 61.2503**, and **26.7173, 17.1750, 12.4966** is the 20% darker color. If you saturate the color by 10%, you get **49.5364, 32.2609, 21.9352**, and if you desaturate by 10%, it is **59.6240, 46.9728, 42.1400**.

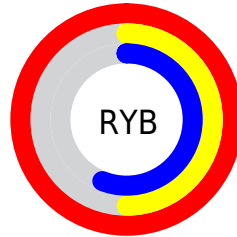
Distribution



Red (100%)

Green (50%)

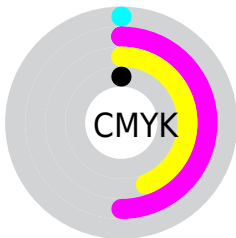
Blue (56%)



Red (100%)

Yellow (50%)

Blue (56%)

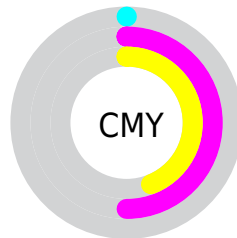


Cyan (0%)

Magenta (50%)

Yellow (44%)

Black (0%)



Cyan (0%)


Magenta (50%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.9932, 38.7120, 31.0120 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 53.9932, 38.7120, 31.0120 by changing the saturation by 10% instead.


 53.9932, 38.7120,
31.0120


 53.9932, 38.7120,
31.0120


392.2829,
340.6645, 320.9465


 38.8269, 26.5358,
20.3494

 95.2212, 73.1981,
62.3388

 26.8052, 17.2249,
12.4627


 122.0136, 96.2768,
83.8401

 17.5628, 10.3949,
6.9333

 153.4121,
123.7585, 109.7913

 10.7343, 5.6616,
3.3426

189.7820,
156.0274, 140.6111

 5.9545, 2.6404,
1.2721

231.4886,
193.4681, 176.7180

 2.8578, 0.9470,
0.0388

278.8974,

 1.0790, 0.0000,

236.4649, 218.5305

0.0000

332.3737,
285.4022, 266.4672

■ 0.0075, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 53.9932, 38.7120,
31.0120

■ 53.9932, 38.7120,
31.0120

■ 49.5364, 32.2609,
21.9352

■ 59.6240, 46.9728,
42.1400

■ 46.1668, 27.4778,
14.7814

■ 66.5011, 57.1591,
55.4322

■ 43.7904, 24.2100,
9.4112

■ 74.6948, 69.3840,
70.9960

■ 42.2954, 22.2735,
5.6652

■ 84.2690, 83.7500,
88.9310

■ 41.5138, 21.3783, 95.0499, 99.9999,
3.3450 108.9000

■ 41.5021, 21.3648,
3.3111

Harmonies

Analogous

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



54.1612, 38.7120, 54.0250



53.9932, 38.7120, 31.0120



48.7935, 38.7120, 17.4525

Triad

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



53.9932, 38.7120, 31.0120



26.6567, 38.7120, 18.0236



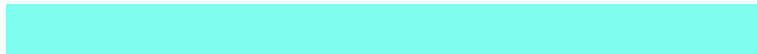
33.1162, 38.7120, 102.2980

Complementary

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



53.9932, 38.7120, 31.0120



60.2441, 82.3420, 94.3849

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.



26.9442, 38.7120, 83.2511



53.9932, 38.7120, 31.0120



23.6045, 38.7120, 32.1579

Square

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



53.9932, 38.7120, 31.0120



32.6661, 38.7120, 12.0678



23.7013, 38.7120, 55.6807



41.2570, 38.7120, 101.6273

Rectangle

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



53.9932, 38.7120, 31.0120



43.5581, 38.7120, 13.0408



23.7013, 38.7120, 55.6807



30.7702, 38.7120, 97.7537

Sweetspot

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



53.9942, 38.7140, 31.0127



79.1153, 76.0077, 79.3046



61.0527, 40.8492, 99.2743



16.5100, 15.6331, 16.1790



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.



53.9942, 38.7140, 31.0127



49.4591, 32.1498, 21.7744



60.3834, 53.3121, 27.5325



18.1024, 18.0243, 19.1566



21.7146, 11.1751, 1.8814



2.1421, 1.0992, 0.3298

Inverse Universe

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



53.9942, 38.7140, 31.0127



49.4591, 32.1498, 21.7744



49.6156, 57.1345, 103.0205



18.1024, 18.0243, 19.1566



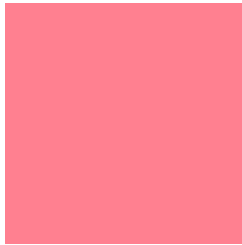
21.7146, 11.1751, 1.8814



2.1421, 1.0992, 0.3298

Previews

White Background



This preview shows how the XYZ color 53.9932, 38.7120, 31.0120 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 53.9932, 38.7120, 31.0120 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

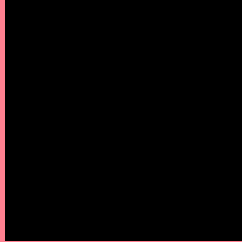
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.9932, 38.7120, 31.0120

Background



This preview shows how black text looks on a background with the XYZ color 53.9932, 38.7120, 31.0120.



This preview shows how white text looks on a background with the XYZ color 53.9932, 38.7120,

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

53.9932, 38.7120, 31.0120

Protanopia

37.3141, 38.9757, 40.6784

Deuteranopia

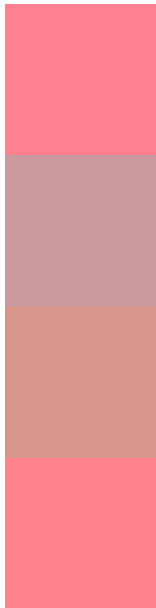
39.5804, 38.7941, 29.4466



Tritanopia

53.6777, 38.7955, 28.7039

Trichromacy



Original Color

53.9932, 38.7120, 31.0120

Protanomaly

41.8342, 37.7733, 36.9844

Deuteranomaly

43.8000, 37.9873, 29.8347

Tritanomaly

53.8239, 38.8540, 29.4737

Monochromacy



Original Color

53.9932, 38.7120, 31.0120

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

41.4687, 37.5650, 37.8660

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.9932, 38.7120, 31.0120 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, 144)` looks like.

```
.text, #text, p{  
    color:rgb(255, 128, 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, 128, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 128, 144) }
```

Border

The CSS property to change the border of an element to XYZ 53.9932, 38.7120, 31.0120 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, 144) }
```


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

```
.border{ border-color:rgb(255, 128, 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, 128, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 128, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 128, 144);  
box-shadow:4px 4px 4px 4px rgb(255, 128,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 53.9932, 38.7120, 31.0120 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, 144) }
```

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

```
.background{ background-color: rgb(255,  
128, 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](#).

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