

Converting Colors

XYZ(53.6263, 38.5228, 30.9948)

Have a look what the booklet for
XYZ(53.6263, 38.5228, 30.9948)
contains.

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Color

**XYZ(53.6263, 38.5228,
30.9948)**

Conversions

Conversions Part 1

Format	Color
Hex	FE8090
RGB	254, 128, 144
RGB Percent	100%, 50%, 56%
CMY	0.0039, 0.4980, 0.4353
CMYK	0.00, 0.50, 0.43, 0.00
HSL	352°, 98%, 75%
HSV	352°, 50%, 100%
XYZ	53.6263, 38.5228, 30.9948
YIQ	167.4980, 69.9600, 31.6880

Conversions

Conversions Part 2

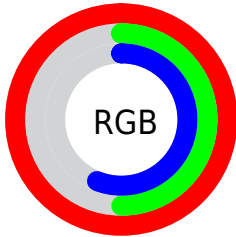
Format	Color
RYB	254, 128, 144
Decimal	16679056
CIELab	68.40, 49.35, 13.96
CIElCh	68, 51.284, 15.796
Yxy	38.5228, 0.4355, 0.3128
Android (android.graphics.Color)	4294869136 (0xFFFE8090)
YUV	167.4980, -11.5845, 75.8623
Hunter-Lab	62.0667, 45.6090, 13.8386

Details

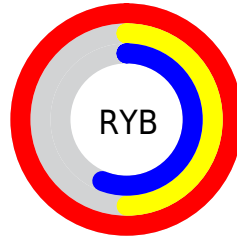
The XYZ color **53.6263, 38.5228, 30.9948** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **59.7786, 81.6468, 93.5027**, and the grayscale version is **37.0056, 38.9328, 42.3978**.

A 20% lighter version of the original color is **68.3665, 59.2042, 61.2503**, and **26.4615, 17.0432, 12.4847** is the 20% darker color. If you saturate the color by 10%, you get **49.1864, 32.0942, 21.9580**, and if you desaturate by 10%, it is **59.2302, 46.7466, 42.0627**.

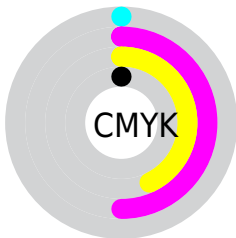
Distribution



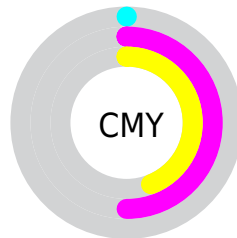
- Red (100%)
- Green (50%)
- Blue (56%)



- Red (100%)
- Yellow (50%)
- Blue (56%)



- Cyan (0%)
- Magenta (50%)
- Yellow (43%)
- Black (0%)





- Cyan (0%)
- Magenta (50%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.6263, 38.5228, 30.9948 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 53.6263, 38.5228, 30.9948 by changing the saturation by 10% instead.


 53.6263, 38.5228,
30.9948

 53.6263, 38.5228,
30.9948


390.9050,
339.8574, 320.8648


 38.5325, 26.3887,
20.3365


 94.6854, 72.9087,
62.3114

 26.5753, 17.1147,
12.4534


 121.3814, 95.9294,
83.8067

 17.3894, 10.3163,
6.9269


 152.6756,
123.3477, 109.7514

 10.6096, 5.6092,
3.3387

188.9331,
155.5480, 140.5640

 5.8703, 2.6089,
1.2701

230.5195,
192.9147, 176.6631

 2.8063, 0.9311,
0.0371

277.8000,

 1.0522, 0.0000,

235.8322, 218.4673

0.0000

331.1401,
284.6850, 266.3950

■ 0.0000, 0.0000,
0.0000

■ 53.6263, 38.5228,
30.9948

■ 53.6263, 38.5228,
30.9948

■ 49.1864, 32.0942,
21.9580

■ 59.2302, 46.7466,
42.0627

■ 45.8248, 27.3210,
14.8261

■ 66.0697, 56.8800,
55.2731

■ 43.4488, 24.0522,
9.4617

■ 74.2141, 69.0348,
70.7319

■ 41.9483, 22.1065,
5.7081

■ 83.7265, 83.3126,
88.5373

■ 41.1602, 21.2032,
3.3711

94.6636, 99.8031,
108.7808

■ 41.1370, 21.1764,
3.3031

94.6830, 99.8108,
108.8828

Harmonies

Analogous

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



53.7699, 38.5228, 53.7943



53.6263, 38.5228, 30.9948



48.5063, 38.5228, 17.5103

Triad

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



53.6263, 38.5228, 30.9948



26.5989, 38.5228, 18.0012



32.9452, 38.5228, 101.2926

Complementary

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



53.6263, 38.5228, 30.9948



59.7786, 81.6468, 93.5027

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.



26.8453, 38.5228, 82.4405



53.6263, 38.5228, 30.9948



23.5620, 38.5228, 31.9772

Square

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



53.6263, 38.5228, 30.9948



32.5596, 38.5228, 12.1084



23.6451, 38.5228, 55.2106



40.9934, 38.5228, 100.7201

Rectangle

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



53.6263, 38.5228, 30.9948



43.3370, 38.5228, 13.1060



23.6451, 38.5228, 55.2106



30.6263, 38.5228, 96.7845

Sweetspot

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



53.6273, 38.5248, 30.9955



79.1204, 76.0097, 79.3315



60.6017, 40.6352, 98.4152



16.5112, 15.6335, 16.1854



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.



53.6273, 38.5248, 30.9955



49.4685, 32.1536, 21.8240



59.9455, 52.9808, 27.4916



18.1032, 18.0246, 19.1605



21.7166, 11.1759, 1.8919



2.1425, 1.0994, 0.3317

Inverse Universe

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



53.6273, 38.5248, 30.9955



49.4685, 32.1536, 21.8240



49.3004, 56.7612, 102.1234



18.1032, 18.0246, 19.1605



21.7166, 11.1759, 1.8919



2.1425, 1.0994, 0.3317

Previews

White Background



This preview shows how the XYZ color 53.6263, 38.5228, 30.9948 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 53.6263, 38.5228, 30.9948 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 53.6263, 38.5228, 30.9948

Background



This preview shows how black text looks on a background with the XYZ color 53.6263, 38.5228, 30.9948.



This preview shows how white text looks on a background with the XYZ color 53.6263, 38.5228,

30.9948.

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

53.6263, 38.5228, 30.9948

Protanopia

37.1316, 38.6107, 40.6175

Deuteranopia

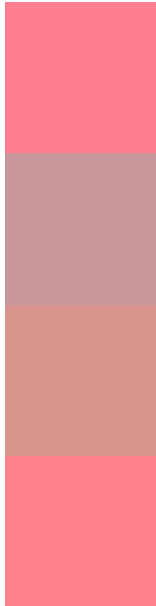
39.3974, 38.6913, 29.8178



Tritanopia

53.3108, 38.6063, 28.6867

Trichromacy



Original Color

53.6263, 38.5228, 30.9948

Protanomaly

41.4014, 37.3083, 36.9174

Deuteranomaly

43.5795, 37.8651, 30.2111

Tritanomaly

53.4569, 38.6648, 29.4565

Monochromacy



Original Color

53.6263, 38.5228, 30.9948

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

41.2024, 37.4278, 37.8536

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.6263, 38.5228, 30.9948 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(254, 128, 144)` looks like.

```
.text, #text, p{  
    color:rgb(254, 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(254, 128, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 128, 144) }
```

Border

The CSS property to change the border of an element to XYZ 53.6263, 38.5228, 30.9948 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(254, 128, 144) }
```


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

```
.border{ border-color:rgb(254, 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(254, 128, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 128, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 128, 144);  
box-shadow:4px 4px 4px 4px rgb(254, 128,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 53.6263, 38.5228, 30.9948 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 128, 144) }
```

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

```
.background{ background-color: rgb(254,  
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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