

Converting Colors

XYZ(53.9797, 39.1518, 29.5678)

Have a look what the booklet for
XYZ(53.9797, 39.1518, 29.5678)
contains.

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Color

**XYZ(53.9563, 39.1187,
29.5178)**

Conversions

Conversions Part 1

Format	Color
Hex	FF828C
RGB	255, 130, 140
RGB Percent	100%, 51%, 55%
CMY	0.0000, 0.4902, 0.4510
CMYK	0.00, 0.49, 0.45, 0.00
HSL	355°, 100%, 75%
HSV	355°, 49%, 100%
XYZ	53.9563, 39.1187, 29.5178
YIQ	168.5150, 71.2900, 29.6100

Conversions

Conversions Part 2

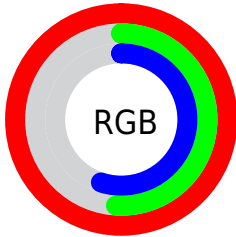
Format	Color
R _Y B	255, 130, 140
Decimal	16745100
CIE Lab	68.84, 48.33, 16.83
CIE LCh	69, 51.173, 19.201
Yxy	39.1187, 0.4401, 0.3191
Android (android.graphics.Color)	4294935180 (0xFFFF828C)
YUV	168.5150, -14.0579, 75.8473
Hunter-Lab	62.5449, 44.5348, 15.7998

Details

The XYZ color **53.9563, 39.1187, 29.5178** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **61.4495, 82.8593, 99.1461**, and the grayscale version is **37.5163, 39.4701, 42.9829**.

A 20% lighter version of the original color is **68.2146, 59.8082, 58.4009**, and **26.6780, 17.3764, 11.6208** is the 20% darker color. If you saturate the color by 10%, you get **49.4254, 32.5367, 20.3633**, and if you desaturate by 10%, it is **59.6983, 47.5329, 40.8962**.

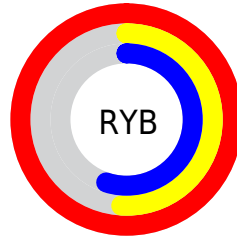
Distribution



Red (100%)

Green (51%)

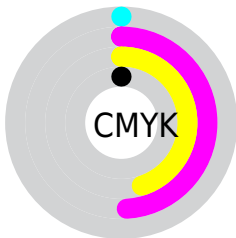
Blue (55%)



Red (100%)

Yellow (51%)

Blue (55%)

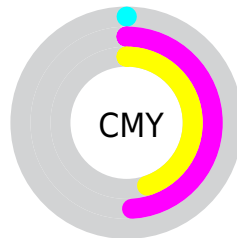


Cyan (0%)

Magenta (49%)

Yellow (45%)

Black (0%)



Cyan (0%)


Magenta (49%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.9563, 39.1187, 29.5178 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 53.9563, 39.1187, 29.5178 by changing the saturation by 10% instead.


 53.9563, 39.1187,
29.5178


 53.9563, 39.1187,
29.5178


392.1444,
342.3949, 313.7873


 38.7973, 26.8521,
19.2239


 95.1673, 73.8196,
59.9507

 26.7821, 17.4622,
11.6538


 121.9501, 97.0227,
80.9269

 17.5453, 10.5645,
6.3887


 153.3380,
124.6401, 106.3009

 10.7218, 5.7748,
3.0103

189.6967,
157.0561, 136.4912

 5.9460, 2.7087,
1.0999

231.3912,
194.6552, 171.9165

 2.8526, 0.9816,
0.0000

278.7872,

 1.0763, 0.0000,

237.8218, 212.9953

0.0000

332.2498,
286.9402, 260.1460

■ 0.0051, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 53.9563, 39.1187,
29.5178

■ 53.9563, 39.1187,
29.5178

■ 49.4254, 32.5367,
20.3633

■ 59.6983, 47.5329,
40.8962

■ 46.0158, 27.6447,
13.2849

■ 66.7268, 57.8954,
54.6288

■ 43.6298, 24.2901,
8.1201

■ 75.1145, 70.3197,
70.8384

■ 42.1516, 22.2893,
4.6816

■ 84.9278, 84.9091,
89.6387

■ 41.4188, 21.3751, 95.0500, 100.0000,
2.7375 108.9000

■ 41.3697, 21.3119,
2.6133

Harmonies

Analogous

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



54.7186, 39.1187, 51.5306



53.9563, 39.1187, 29.5178



48.3416, 39.1187, 16.9234

Triad

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



53.9563, 39.1187, 29.5178



26.5722, 39.1187, 19.5519



34.3325, 39.1187, 103.3262

Complementary

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



53.9563, 39.1187, 29.5178



61.4495, 82.8593, 99.1461

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.



27.8860, 39.1187, 86.1892



53.9563, 39.1187, 29.5178



23.8592, 39.1187, 34.7547

Square

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



53.9563, 39.1187, 29.5178



32.2801, 39.1187, 12.7882



24.3023, 39.1187, 59.0528



42.5548, 39.1187, 100.2957

Rectangle

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



53.9563, 39.1187, 29.5178



43.0039, 39.1187, 12.9803



24.3023, 39.1187, 59.0528



31.9092, 39.1187, 99.5430

Sweetspot

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



53.9573, 39.1207, 29.5185



78.8813, 75.9141, 78.0724



63.5448, 42.5250, 99.4667



16.4545, 15.6109, 15.8868



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.



53.9573, 39.1207, 29.5185



49.4320, 32.5462, 20.3768



62.0157, 56.3637, 28.7324



18.0683, 18.0106, 18.9769



21.6371, 11.1441, 1.4735



2.1261, 1.0928, 0.2452

Inverse Universe

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



53.9573, 39.1207, 29.5185



49.4320, 32.5462, 20.3768



48.5941, 54.6404, 102.5932



18.0683, 18.0106, 18.9769



21.6371, 11.1441, 1.4735



2.1261, 1.0928, 0.2452

Previews

White Background



This preview shows how the XYZ color 53.9563, 39.1187, 29.5178 looks on a white background.

Color Contrast Check

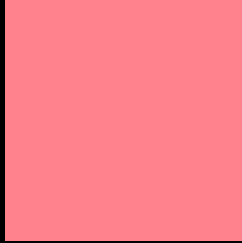
Large Text (above 18pt) WCAG AA × Fail

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 53.9563, 39.1187, 29.5178 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 53.9563, 39.1187, 29.5178

Background



This preview shows how black text looks on a background with the XYZ color 53.9563, 39.1187, 29.5178.



This preview shows how white text looks on a background with the XYZ color 53.9563, 39.1187,

29.5178.

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

53.9563, 39.1187, 29.5178

Protanopia

37.7162, 39.5071, 38.4387

Deuteranopia

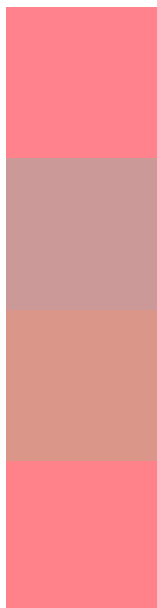
40.0585, 39.3257, 28.4010



Tritanopia

53.8828, 39.0893, 29.1312

Trichromacy



Original Color

53.9563, 39.1187, 29.5178

Protanomaly

41.8517, 38.0747, 34.8491

Deuteranomaly

44.0370, 38.3705, 28.7522

Tritanomaly

53.8828, 39.0893, 29.1312

Monochromacy



Original Color

53.9563, 39.1187, 29.5178

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

41.7123, 38.1907, 37.5208

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.9563, 39.1187, 29.5178 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, 130, 140)` looks like.

```
.text, #text, p{  
    color:rgb(255, 130, 140)  
}
```

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, 130, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 130, 140) }
```

Border

The CSS property to change the border of an element to XYZ 53.9563, 39.1187, 29.5178 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, 130, 140) }
```


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

```
.border{ border-color:rgb(255, 130, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 130, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 130, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 130, 140);  
box-shadow:4px 4px 4px 4px rgb(255, 130,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 53.9563, 39.1187, 29.5178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 130, 140) }
```

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

```
.background{ background-color: rgb(255,  
130, 140) }
```

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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