

Converting Colors

XYZ(53.2021, 38.0230, 29.7768)

Have a look what the booklet for
XYZ(53.2021, 38.0230, 29.7768)
contains.

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Color

**XYZ(53.1416, 37.9156,
29.7169)**

Conversions

Conversions Part 1

Format	Color
Hex	FE7E8D
RGB	254, 126, 141
RGB Percent	100%, 49%, 55%
CMY	0.0039, 0.5059, 0.4471
CMYK	0.00, 0.50, 0.44, 0.00
HSL	353°, 98%, 75%
HSV	353°, 50%, 100%
XYZ	53.1416, 37.9156, 29.7169
YIQ	165.9820, 71.4730, 31.8010

Conversions

Conversions Part 2

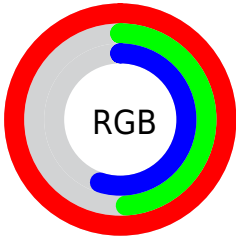
Format	Color
RYB	254, 126, 141
Decimal	16678541
CIELab	67.96, 50.02, 15.02
CIElCh	68, 52.228, 16.719
Yxy	37.9156, 0.4400, 0.3139
Android (android.graphics.Color)	4294868621 (0xFFFE7E8D)
YUV	165.9820, -12.3161, 77.1918
Hunter-Lab	61.5756, 46.2934, 14.4891

Details

The XYZ color **53.1416, 37.9156, 29.7169** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **59.6280, 81.5520, 94.2647**, and the grayscale version is **36.2714, 38.1603, 41.5566**.

A 20% lighter version of the original color is **67.5015, 58.2028, 58.7155**, and **26.1980, 16.7275, 11.7455** is the 20% darker color. If you saturate the color by 10%, you get **48.7930, 31.6239, 20.8520**, and if you desaturate by 10%, it is **58.6543, 45.9951, 40.6371**.

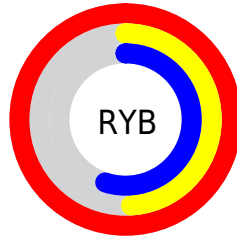
Distribution



Red (100%)

Green (49%)

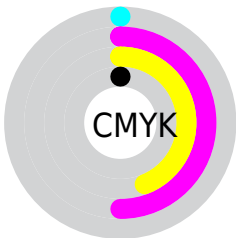
Blue (55%)



Red (100%)

Yellow (49%)

Blue (55%)

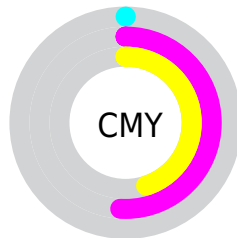


Cyan (0%)

Magenta (50%)

Yellow (44%)

Black (0%)



Cyan (0%)


Magenta (51%)


Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.1416, 37.9156, 29.7169 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 53.1416, 37.9156, 29.7169 by changing the saturation by 10% instead.


 53.1416, 37.9156,
29.7169


 53.1416, 37.9156,
29.7169


389.0801,
337.2578, 314.7487


 38.1438, 25.9172,
19.3736

 93.9770, 71.9788,
60.2699

 26.2720, 16.7617,
11.7610

 120.5453, 94.8123,
81.3166

 17.1610, 10.0647,
6.4606


 151.7010,
122.0263, 106.7683

 10.4453, 5.4419,
3.0538

187.8097,
154.0053, 137.0433

 5.7597, 2.5088,
1.1222

229.2366,
191.1335, 172.5604

 2.7388, 0.8810,
0.0000

276.3470,

 1.0172, 0.0000,

233.7954, 213.7379

0.0000

329.5064,
282.3753, 260.9946

■ 0.0000, 0.0000,
0.0000

■ 53.1416, 37.9156,
29.7169

■ 53.1416, 37.9156,
29.7169

■ 48.7930, 31.6239,
20.8520

■ 58.6543, 45.9951,
40.6371

■ 45.5215, 26.9785,
13.9111

■ 65.4041, 55.9779,
53.7285

■ 43.2322, 23.8263,
8.7509

■ 73.4612, 67.9769,
69.1009

■ 41.8123, 21.9827,
5.2064

■ 82.8899, 82.0944,
86.8558

■ 41.1042, 21.1633,
3.1304

■ 93.7500, 98.4258,
107.0889

94.6829, 99.8108,
108.8828

Harmonies

Analogous

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



53.4560, 37.9156, 52.4237



53.1416, 37.9156, 29.7169



47.8280, 37.9156, 16.5493

Triad

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



53.1416, 37.9156, 29.7169



25.8304, 37.9156, 17.6012



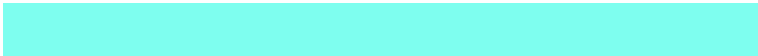
32.5707, 37.9156, 101.8332

Complementary

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



53.1416, 37.9156, 29.7169



59.6280, 81.5520, 94.2647

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.



26.3641, 37.9156, 83.1073



53.1416, 37.9156, 29.7169



22.8852, 37.9156, 31.8453

Square

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



53.1416, 37.9156, 29.7169



31.7329, 37.9156, 11.5720



23.0646, 37.9156, 55.5189



40.7151, 37.9156, 100.5719

Rectangle

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



53.1416, 37.9156, 29.7169



42.5631, 37.9156, 12.3377



23.0646, 37.9156, 55.5189



30.2158, 37.9156, 97.4374

Sweetspot

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



53.1426, 37.9176, 29.7176



79.0704, 75.9897, 79.0679



60.2542, 40.0726, 98.3247



16.4993, 15.6288, 16.1228



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.



53.1426, 37.9176, 29.7176



49.3769, 32.1169, 21.3415



59.5710, 52.4407, 26.7236



18.0959, 18.0217, 19.1222



21.6975, 11.1683, 1.7917



2.1390, 1.0980, 0.3136

Inverse Universe

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



53.1426, 37.9176, 29.7176



49.3769, 32.1169, 21.3415



48.8243, 56.2512, 102.0499



18.0959, 18.0217, 19.1222



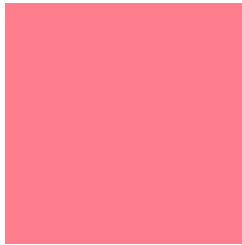
21.6975, 11.1683, 1.7917



2.1390, 1.0980, 0.3136

Previews

White Background



This preview shows how the XYZ color 53.1416, 37.9156, 29.7169 looks on a white background.

Color Contrast Check

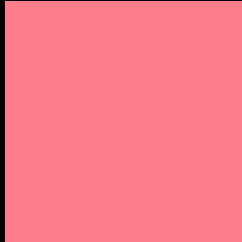
Large Text (above 18pt) WCAG AA × Fail

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 53.1416, 37.9156, 29.7169 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 53.1416, 37.9156, 29.7169

Background



This preview shows how black text looks on a background with the XYZ color 53.1416, 37.9156, 29.7169.



This preview shows how white text looks on a background with the XYZ color 53.1416, 37.9156,

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

53.1416, 37.9156, 29.7169

Protanopia

36.4657, 38.0295, 39.1367

Deuteranopia

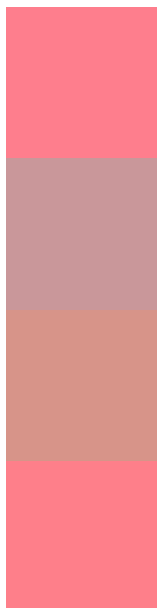
38.9363, 38.2283, 28.2483



Tritanopia

52.9064, 38.0271, 27.8441

Trichromacy



Original Color

53.1416, 37.9156, 29.7169

Protanomaly

40.9867, 36.8838, 35.5309

Deuteranomaly

43.1296, 37.4330, 28.6190

Tritanomaly

53.0499, 38.0846, 28.5998

Monochromacy



Original Color

53.1416, 37.9156, 29.7169

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

40.4411, 36.5733, 36.8262

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.1416, 37.9156, 29.7169 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, 126, 141)` looks like.

```
.text, #text, p{  
    color:rgb(254, 126, 141)  
}
```

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, 126, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 126, 141) }
```

Border

The CSS property to change the border of an element to XYZ 53.1416, 37.9156, 29.7169 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, 126, 141) }
```


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

```
.border{ border-color:rgb(254, 126, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 126, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 126, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 126, 141);  
box-shadow:4px 4px 4px 4px rgb(254, 126,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 53.1416, 37.9156, 29.7169 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 126, 141) }
```

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

```
.background{ background-color: rgb(254,  
126, 141) }
```

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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