

Converting Colors

XYZ(53.4871, 37.6311, 31.0548)

Have a look what the booklet for
XYZ(53.4871, 37.6311, 31.0548)
contains.

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Color

**XYZ(53.5585, 37.7196,
31.2458)**

Conversions

Conversions Part 1

Format	Color
Hex	FF7C91
RGB	255, 124, 145
RGB Percent	100%, 49%, 57%
CMY	0.0000, 0.5137, 0.4314
CMYK	0.00, 0.51, 0.43, 0.00
HSL	350°, 100%, 74%
HSV	350°, 51%, 100%
XYZ	53.5585, 37.7196, 31.2458
YIQ	165.5630, 71.3350, 34.3030

Conversions

Conversions Part 2

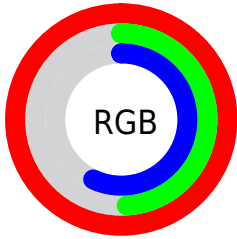
Format	Color
R _Y B	255, 124, 145
Decimal	16743569
CIE Lab	67.81, 51.72, 12.59
CIE LCh	68, 53.229, 13.678
Yxy	37.7196, 0.4371, 0.3079
Android (android.graphics.Color)	4294933649 (0xFFFF7C91)
YUV	165.5630, -10.1376, 78.4362
Hunter-Lab	61.4163, 48.1837, 12.8274

Details

The XYZ color **53.5585, 37.7196, 31.2458** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **58.9255, 81.7465, 90.5199**, and the grayscale version is **36.0591, 37.9370, 41.3133**.

A 20% lighter version of the original color is **67.8701, 58.0260, 61.6558**, and **26.5039, 16.6759, 12.6483** is the 20% darker color. If you saturate the color by 10%, you get **49.2674, 31.5355, 22.4226**, and if you desaturate by 10%, it is **58.9889, 45.6843, 41.9848**.

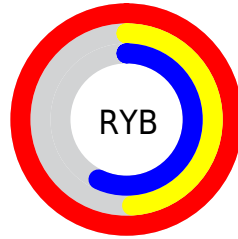
Distribution



Red (100%)

Green (49%)

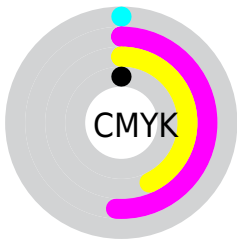
Blue (57%)



Red (100%)

Yellow (49%)

Blue (57%)

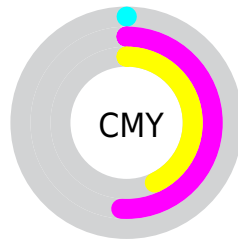


Cyan (0%)

Magenta (51%)

Yellow (43%)

Black (0%)



Cyan (0%)


Magenta (51%)

Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.5585, 37.7196, 31.2458 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 53.5585, 37.7196, 31.2458 by changing the saturation by 10% instead.


 53.5585, 37.7196,
31.2458


 53.5585, 37.7196,
31.2458

390.6501,
336.4156, 322.0553


 38.4781, 25.7651,
20.5261

 94.5864, 71.6782,
62.7110

 26.5328, 16.6480,
12.5902


 121.2646, 94.4510,
84.2935

 17.3574, 9.9839,
7.0195

 152.5393,
121.5988, 110.3339

 10.5866, 5.3883,
3.3957

188.7761,
153.5060, 141.2510

 5.8548, 2.4768,
1.3001

230.3402,
190.5568, 177.4631

 2.7968, 0.8650,
0.0618

277.5970,

 1.0472, 0.0000,

233.1358, 219.3888

0.0000

330.9118,
281.6272, 267.4467

■ 0.0000, 0.0000,
0.0000

■ 53.5585, 37.7196,
31.2458

■ 53.5585, 37.7196,
31.2458

■ 49.2674, 31.5355,
22.4226

■ 58.9889, 45.6843,
41.9848

■ 46.0299, 26.9888,
15.3990

■ 65.6299, 55.5463,
54.7419

■ 43.7532, 23.9243,
10.0495

■ 73.5505, 67.4194,
69.6147

■ 42.3255, 22.1535,
6.2304

■ 82.8134, 81.4068,
86.6937

■ 41.6379, 21.4192,
4.0254

■ 93.4773, 97.6045,
106.0641

95.0500, 100.0000,
108.9000

Harmonies

Analogous

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



53.3116, 37.7196, 55.1907



53.5585, 37.7196, 31.2458



48.5771, 37.7196, 17.0243

Triad

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



53.5585, 37.7196, 31.2458



25.9831, 37.7196, 16.2144



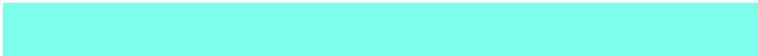
31.5797, 37.7196, 101.8375

Complementary

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



53.5585, 37.7196, 31.2458



58.9255, 81.7465, 90.5199

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.



25.5682, 37.7196, 81.0626



53.5585, 37.7196, 31.2458



22.6921, 37.7196, 29.5905

Square

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



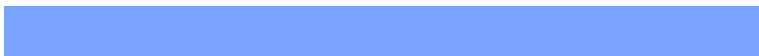
53.5585, 37.7196, 31.2458



32.2331, 37.7196, 10.8724



22.5529, 37.7196, 52.7643



39.7308, 37.7196, 102.8335

Rectangle

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



53.5585, 37.7196, 31.2458



43.3472, 37.7196, 12.3436



22.5529, 37.7196, 52.7643



29.2737, 37.7196, 96.6581

Sweetspot

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



53.5595, 37.7216, 31.2465



79.2916, 76.0782, 80.2327



58.9177, 38.9891, 99.0280



16.5518, 15.6498, 16.3994



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.



53.5595, 37.7216, 31.2465



49.0331, 31.2020, 21.9279



58.8207, 50.5996, 25.7378



18.1281, 18.0345, 19.2915



21.7915, 11.2059, 2.2867



2.1541, 1.1040, 0.3929

Inverse Universe

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



53.5595, 37.7216, 31.2465



49.0331, 31.2020, 21.9279



49.7411, 58.2612, 103.2316



18.1281, 18.0345, 19.2915



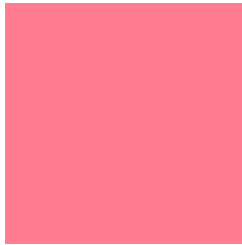
21.7915, 11.2059, 2.2867



2.1541, 1.1040, 0.3929

Previews

White Background



This preview shows how the XYZ color 53.5585, 37.7196, 31.2458 looks on a white background.

Color Contrast Check

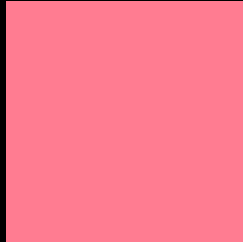
Large Text (above 18pt) WCAG AA × Fail

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 53.5585, 37.7196, 31.2458 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 53.5585, 37.7196, 31.2458

Background



This preview shows how black text looks on a background with the XYZ color 53.5585, 37.7196, 31.2458.



This preview shows how white text looks on a background with the XYZ color 53.5585, 37.7196,

31.2458.

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

53.5585, 37.7196, 31.2458

Protanopia

36.5786, 38.0251, 41.9709

Deuteranopia

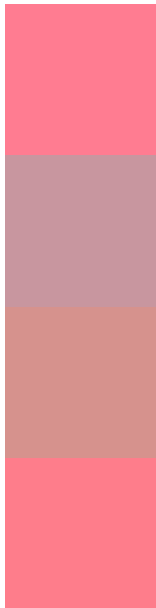
38.5442, 37.7367, 29.6785



Tritanopia

52.7071, 37.7418, 27.4286

Trichromacy



Original Color

53.5585, 37.7196, 31.2458

Protanomaly

40.9838, 36.5953, 37.7044

Deuteranomaly

42.8182, 36.7770, 30.0412

Tritanomaly

52.8669, 37.6021, 28.8976

Monochromacy



Original Color

53.5585, 37.7196, 31.2458

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

40.5269, 36.6076, 37.2777

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.5585, 37.7196, 31.2458 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, 124, 145)` looks like.

```
.text, #text, p{  
    color:rgb(255, 124, 145)  
}
```

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, 124, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 124, 145) }
```

Border

The CSS property to change the border of an element to XYZ 53.5585, 37.7196, 31.2458 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, 124, 145) }
```


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

```
.border{ border-color:rgb(255, 124, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 124, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 124, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 124, 145);  
box-shadow:4px 4px 4px 4px rgb(255, 124,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 53.5585, 37.7196, 31.2458 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 124, 145) }
```

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

```
.background{ background-color: rgb(255,  
124, 145) }
```

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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