

Converting Colors

XYZ(71.7449, 46.6974, 33.0957)

Have a look what the booklet for
XYZ(71.7449, 46.6974, 33.0957)
contains.

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Color

**XYZ(53.5448, 37.3172,
32.3978)**

Conversions

Conversions Part 1

Format	Color
Hex	FF7A94
RGB	255, 122, 148
RGB Percent	100%, 48%, 58%
CMY	0.0000, 0.5215, 0.4196
CMYK	0.00, 0.52, 0.42, 0.00
HSL	348°, 100%, 74%
HSV	348°, 52%, 100%
XYZ	53.5448, 37.3172, 32.3978
YIQ	164.7310, 70.9220, 36.2820

Conversions

Conversions Part 2

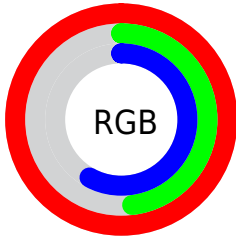
Format	Color
RYB	255, 122, 148
Decimal	16743060
CIELab	67.51, 52.97, 10.47
CIELCh	68, 53.998, 11.180
Yxy	37.3172, 0.4344, 0.3028
Android (android.graphics.Color)	4294933140 (0xFFFF7A94)
YUV	164.7310, -8.2484, 79.1659
Hunter-Lab	61.0878, 49.5555, 11.3171

Details

The XYZ color **53.5448, 37.3172, 32.3978** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **57.9309, 81.3155, 86.7760**, and the grayscale version is **35.6510, 37.5077, 40.8459**.

A 20% lighter version of the original color is **67.8211, 57.3651, 63.3751**, and **26.4599, 16.3655, 13.3195** is the 20% darker color. If you saturate the color by 10%, you get **49.3317, 31.2637, 23.6792**, and if you desaturate by 10%, it is **58.8689, 45.1322, 42.9074**.

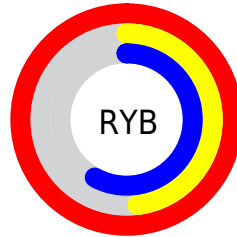
Distribution



Red (100%)

Green (48%)

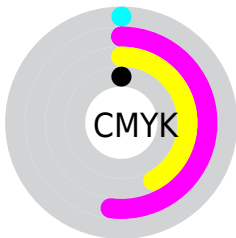
Blue (58%)



Red (100%)

Yellow (48%)

Blue (58%)

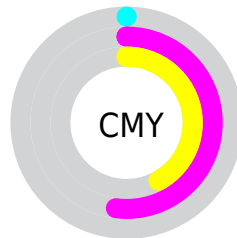


Cyan (0%)

Magenta (52%)

Yellow (42%)

Black (0%)



Cyan (0%)


Magenta (52%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.5448, 37.3172, 32.3978 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 53.5448, 37.3172, 32.3978 by changing the saturation by 10% instead.


 53.5448, 37.3172,
32.3978


 53.5448, 37.3172,
32.3978


390.5985,
334.6818, 327.4758


 38.4671, 25.4532,
21.3982


 94.5664, 71.0604,
64.5393

 26.5243, 16.4150,
13.2213


 121.2409, 93.7083,
86.5183

 17.3510, 9.8183,
7.4486


 152.5118,
120.7197, 112.9942

 10.5819, 5.2787,
3.6615

188.7444,
152.4789, 144.3855

 5.8517, 2.4117,
1.4416

230.3040,
189.3703, 181.1108

 2.7949, 0.8319,
0.1738

277.5560,

 1.0462, 0.0000,

231.7783, 223.5886

0.0000

330.8657,
280.0874, 272.2374

■ 0.0000, 0.0000,
0.0000

■ 53.5448, 37.3172,
32.3978

■ 53.5448, 37.3172,
32.3978

■ 49.3317, 31.2637,
23.6792

■ 58.8689, 45.1322,
42.9074

■ 46.1458, 26.8283,
16.6475

■ 65.3739, 54.8257,
55.2998

■ 43.8958, 23.8549,
11.1909

■ 73.1270, 66.5114,
69.6624

■ 42.4717, 22.1531,
7.1819

■ 82.1898, 80.2924,
86.0770

■ 41.8121, 21.4888,
4.9434

■ 92.6194, 96.2644,
104.6204

95.0499, 99.9999,
108.9000

Harmonies

Analogous

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



52.8236, 37.3172, 57.2349



53.5448, 37.3172, 32.3978



48.8896, 37.3172, 17.3540

Triad

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



53.5448, 37.3172, 32.3978



25.9633, 37.3172, 15.0240



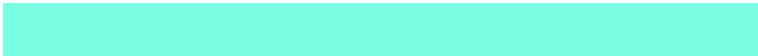
30.5649, 37.3172, 101.0765

Complementary

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



53.5448, 37.3172, 32.3978



57.9309, 81.3155, 86.7760

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.



24.7608, 37.3172, 78.7737



53.5448, 37.3172, 32.3978



22.4044, 37.3172, 27.5973

Square

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



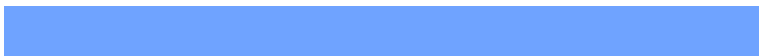
53.5448, 37.3172, 32.3978



32.4633, 37.3172, 10.2621



22.0015, 37.3172, 50.1553



38.6545, 37.3172, 103.9986

Rectangle

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



53.5448, 37.3172, 32.3978



43.7331, 37.3172, 12.2995



22.0015, 37.3172, 50.1553



28.3174, 37.3172, 95.2827

Sweetspot

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



53.5458, 37.3191, 32.3985



78.5454, 74.7377, 79.5158



57.1329, 37.7007, 98.8732



16.4120, 15.3887, 16.2954



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.



53.5458, 37.3191, 32.3985



49.0236, 30.8277, 23.0202



57.6569, 48.4727, 24.7323



18.1545, 18.0451, 19.4305



21.8887, 11.2448, 2.7984



2.1673, 1.1093, 0.4626

Inverse Universe

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



53.5458, 37.3191, 32.3985



49.0236, 30.8277, 23.0202



50.4036, 60.0111, 103.5342



18.1545, 18.0451, 19.4305



21.8887, 11.2448, 2.7984



2.1673, 1.1093, 0.4626

Previews

White Background



This preview shows how the XYZ color 53.5448, 37.3172, 32.3978 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 53.5448, 37.3172, 32.3978 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 53.5448, 37.3172, 32.3978

Background



This preview shows how black text looks on a background with the XYZ color 53.5448, 37.3172, 32.3978.



This preview shows how white text looks on a background with the XYZ color 53.5448, 37.3172,

32.3978.

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

53.5448, 37.3172, 32.3978

Protanopia

36.3520, 37.5982, 43.8693

Deuteranopia

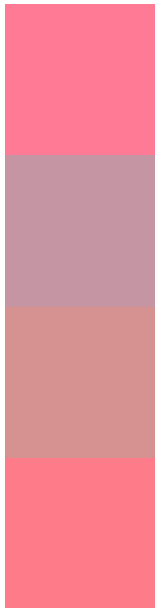
38.2669, 37.5681, 30.8257



Tritanopia

52.4403, 37.4315, 26.6514

Trichromacy



Original Color

53.5448, 37.3172, 32.3978

Protanomaly

40.6470, 36.1450, 39.4847

Deuteranomaly

42.7535, 36.7175, 31.2194

Tritanomaly

52.6681, 37.3211, 28.4725

Monochromacy



Original Color

53.5448, 37.3172, 32.3978

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

40.2942, 36.0039, 37.6266

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.5448, 37.3172, 32.3978 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, 122, 148)` looks like.

```
.text, #text, p{  
    color:rgb(255, 122, 148)  
}
```

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, 122, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 122, 148) }
```

Border

The CSS property to change the border of an element to XYZ 53.5448, 37.3172, 32.3978 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, 122, 148) }
```


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

```
.border{ border-color:rgb(255, 122, 148) }
```

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

Here you see how a box with a 4 pixel rgb(255, 122, 148) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 122, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 122, 148);  
box-shadow:4px 4px 4px 4px rgb(255, 122,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 53.5448, 37.3172, 32.3978 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 122, 148) }
```

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

```
.background{ background-color: rgb(255,  
122, 148) }
```

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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