

Converting Colors

XYZ(78.2938, 49.7086, 32.7434)

Have a look what the booklet for
XYZ(78.2938, 49.7086, 32.7434)
contains.

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Color

**XYZ(53.1448, 36.7683,
31.4901)**

Conversions

Conversions Part 1

Format	Color
Hex	FF7892
RGB	255, 120, 146
RGB Percent	100%, 47%, 57%
CMY	0.0000, 0.5294, 0.4274
CMYK	0.00, 0.53, 0.43, 0.00
HSL	348°, 100%, 74%
HSV	348°, 53%, 100%
XYZ	53.1448, 36.7683, 31.4901
YIQ	163.3290, 72.1140, 36.7060

Conversions

Conversions Part 2

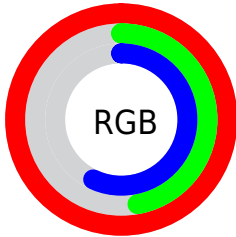
Format	Color
RYB	255, 120, 146
Decimal	16742546
CIELab	67.10, 53.72, 11.02
CIELCh	67, 54.835, 11.592
Yxy	36.7683, 0.4378, 0.3029
Android (android.graphics.Color)	4294932626 (0xFFFF7892)
YUV	163.3290, -8.5432, 80.3955
Hunter-Lab	60.6369, 50.3307, 11.6552

Details

The XYZ color **53.1448, 36.7683, 31.4901** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **57.6507, 81.1711, 86.7630**, and the grayscale version is **34.9848, 36.8067, 40.0825**.

A 20% lighter version of the original color is **67.1907, 56.4808, 62.0041**, and **26.2498, 16.0945, 12.7894** is the 20% darker color. If you saturate the color by 10%, you get **49.0160, 30.8472, 22.9107**, and if you desaturate by 10%, it is **58.3804, 44.4413, 41.8623**.

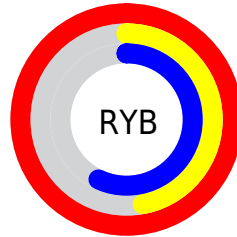
Distribution



Red (100%)

Green (47%)

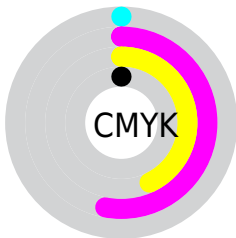
Blue (57%)



Red (100%)

Yellow (47%)

Blue (57%)

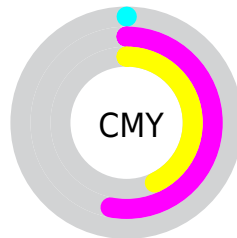


Cyan (0%)

Magenta (53%)

Yellow (43%)

Black (0%)



Cyan (0%)


Magenta (53%)


Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.1448, 36.7683, 31.4901 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 53.1448, 36.7683, 31.4901 by changing the saturation by 10% instead.


 53.1448, 36.7683,
31.4901


 53.1448, 36.7683,
31.4901


389.0922,
332.3063, 323.2107


 38.1463, 25.0281,
20.7107

 93.9817, 70.2163,
63.0995

 26.2740, 16.0980,
12.7236

 120.5508, 92.6929,
84.7665

 17.1625, 9.5935,
7.1100


 151.7075,
119.5171, 110.8999

 10.4464, 5.1303,
3.4515

187.8171,
151.0734, 141.9182

 5.7605, 2.3239,
1.3295

229.2450,
187.7460, 178.2399

 2.7393, 0.7863,
0.0858

276.3566,

 1.0174, 0.0000,

229.9195, 220.2835

0.0000

329.5172,
277.9781, 268.4676

■ 0.0000, 0.0000,
0.0000

■ 53.1448, 36.7683,
31.4901

■ 53.1448, 36.7683,
31.4901

■ 49.0160, 30.8472,
22.9107

■ 58.3804, 44.4413,
41.8623

■ 45.9092, 26.5335,
16.0182

■ 64.7934, 53.9845,
54.1203

■ 43.7317, 23.6686,
10.6986

■ 72.4516, 65.5122,
68.3532

■ 42.3716, 22.0589,
6.8217

■ 81.4171, 79.1283,
84.6437

■ 41.7964, 21.4826,
4.8605

■ 91.7475, 94.9291,
103.0697

95.0499, 100.0000,
108.9000

Harmonies

Analogous

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



52.4945, 36.7683, 56.3736



53.1448, 36.7683, 31.4901



48.3770, 36.7683, 16.6173

Triad

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



53.1448, 36.7683, 31.4901



25.3391, 36.7683, 14.5587



30.1202, 36.7683, 101.4009

Complementary

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



53.1448, 36.7683, 31.4901



57.6507, 81.1711, 86.7630

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.



24.2658, 36.7683, 78.9550



53.1448, 36.7683, 31.4901



21.8237, 36.7683, 27.2034

Square

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



53.1448, 36.7683, 31.4901



31.8203, 36.7683, 9.7787



21.4649, 36.7683, 49.9994



38.2725, 36.7683, 104.0515

Rectangle

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



53.1448, 36.7683, 31.4901



43.1521, 36.7683, 11.6873



21.4649, 36.7683, 49.9994



27.8543, 36.7683, 95.6008

Sweetspot

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



53.1458, 36.7702, 31.4908



78.5296, 74.7314, 79.4323



56.7628, 37.1491, 98.7864



16.4083, 15.3872, 16.2757



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.



53.1458, 36.7702, 31.4908



48.6391, 30.3154, 22.1005



57.2892, 47.9335, 24.0045



18.1523, 18.0442, 19.4190



21.8800, 11.2413, 2.7525



2.1662, 1.1088, 0.4566

Inverse Universe

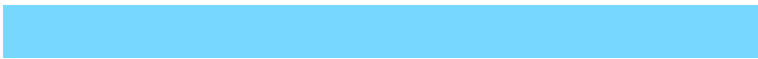
The Inverse Universe completely reimagines the original color for something new.



53.1458, 36.7702, 31.4908



48.6391, 30.3154, 22.1005



49.9707, 59.5614, 103.4704



18.1523, 18.0442, 19.4190



21.8800, 11.2413, 2.7525



2.1662, 1.1088, 0.4566

Previews

White Background



This preview shows how the XYZ color 53.1448, 36.7683, 31.4901 looks on a white background.

Color Contrast Check

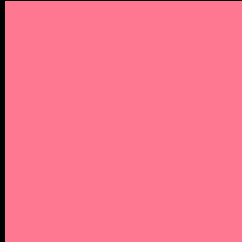
Large Text (above 18pt) WCAG AA × Fail

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 53.1448, 36.7683, 31.4901 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 53.1448, 36.7683, 31.4901

Background



This preview shows how black text looks on a background with the XYZ color 53.1448, 36.7683, 31.4901.



This preview shows how white text looks on a background with the XYZ color 53.1448, 36.7683,

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

53.1448, 36.7683, 31.4901

Protanopia

35.7757, 37.0583, 42.8035

Deuteranopia

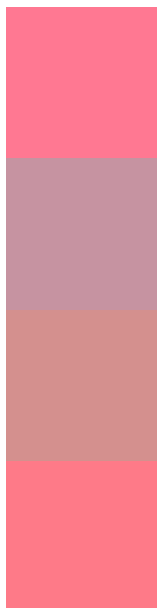
37.6995, 37.0385, 29.9731



Tritanopia

52.0527, 36.8754, 25.8469

Trichromacy



Original Color

53.1448, 36.7683, 31.4901

Protanomaly

40.1554, 35.4464, 38.4436

Deuteranomaly

42.0071, 35.8966, 30.3059

Tritanomaly

52.2765, 36.7675, 27.6341

Monochromacy



Original Color

53.1448, 36.7683, 31.4901

Achromatopsia

34.8123, 36.6253, 39.8849

Achromatomaly

39.2845, 35.0375, 36.5907

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.1448, 36.7683, 31.4901 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, 120, 146)` looks like.

```
.text, #text, p{  
    color:rgb(255, 120, 146)  
}
```

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, 120, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 120, 146) }
```

Border

The CSS property to change the border of an element to XYZ 53.1448, 36.7683, 31.4901 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, 120, 146) }
```


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

```
.border{ border-color:rgb(255, 120, 146) }
```

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

Here you see how a box with a 4 pixel rgb(255, 120, 146) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 120, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 120, 146);  
box-shadow:4px 4px 4px 4px rgb(255, 120,  
146) }
```

Background

The CSS property to change the background color of an element to XYZ 53.1448, 36.7683, 31.4901 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 120, 146) }
```

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

```
.background{ background-color: rgb(255,  
120, 146) }
```

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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