

Converting Colors

XYZ(53.9387, 33.5375, 46.6102)

Have a look what the booklet for
XYZ(53.9387, 33.5375, 46.6102)
contains.

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Color

**XYZ(53.9401, 33.4790,
46.7991)**

Conversions

Conversions Part 1

Format	Color
Hex	FF63B4
RGB	255, 99, 180
RGB Percent	100%, 39%, 71%
CMY	0.0000, 0.6117, 0.2941
CMYK	0.00, 0.61, 0.29, 0.00
HSL	329°, 100%, 69%
HSV	329°, 61%, 100%
XYZ	53.9401, 33.4790, 46.7991
YIQ	154.8780, 66.9750, 58.2630

Conversions

Conversions Part 2

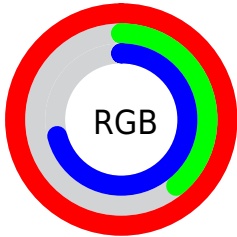
Format	Color
R _Y B	255, 99, 180
Decimal	16737204
CIE Lab	64.55, 66.78, -12.06
CIE LCh	65, 67.858, 349.762
Yxy	33.4790, 0.4019, 0.2494
Android (android.graphics.Color)	4294927284 (0xFFFF63B4)
YUV	154.8780, 12.3851, 87.8070
Hunter-Lab	57.8610, 65.1472, -7.4521

Details

The XYZ color **53.9401, 33.4790, 46.7991** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **48.5473, 77.2295, 52.3967**, and the grayscale version is **31.0295, 32.6454, 35.5509**.

A 20% lighter version of the original color is **68.4373, 51.4301, 85.6768**, and **26.6509, 14.1457, 21.4044** is the 20% darker color. If you saturate the color by 10%, you get **50.6998, 28.9097, 39.8270**, and if you desaturate by 10%, it is **58.0549, 39.6205, 54.6085**.

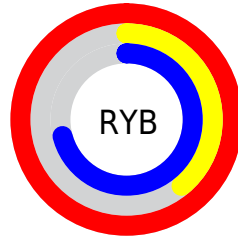
Distribution



Red (100%)

Green (39%)

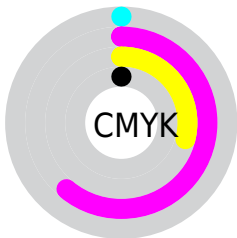
Blue (71%)



Red (100%)

Yellow (39%)

Blue (71%)

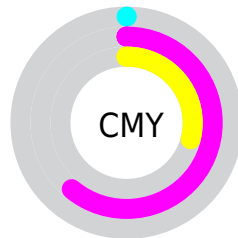


Cyan (0%)

Magenta (61%)

Yellow (29%)

Black (0%)



Cyan (0%)


Magenta (61%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.9401, 33.4790, 46.7991 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 53.9401, 33.4790, 46.7991 by changing the saturation by 10% instead.


 53.9401, 33.4790,
46.7991

 53.9401, 33.4790,
46.7991

392.0836,
317.8026, 390.3826

 38.7843, 22.4936,
32.5237


 95.1437, 65.1226,
86.7605


 26.7719, 14.2201,
21.4937


 121.9222, 86.5497,
113.2835

 17.5377, 8.2739,
13.2906


 153.3055,
112.2262, 144.7262

 10.7163, 4.2707,
7.4959

 189.6592,
142.5364, 181.5070

 5.9423, 1.8261,
3.6910

231.3485,
177.8647, 224.0445

 2.8503, 0.5034,
1.4574

278.7387,

 1.0751, 0.0000,

218.5956, 272.7572

0.1859

332.1953,
265.1135, 328.0637

■ 0.0041, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 53.9401, 33.4790,
46.7991

■ 53.9401, 33.4790,
46.7991

■ 50.6998, 28.9097,
39.8270

■ 58.0549, 39.6205,
54.6085

■ 48.2541, 25.7573,
33.6505


■ 63.1094, 47.4602,
63.2894


■ 46.5113, 23.8433,
28.2248

■ 69.1651, 57.1167,
72.8758

■ 45.4321, 22.9369,
24.0055

■ 76.2773, 68.6968,
83.3986

 84.4972, 82.2987,
94.8873

 93.8724, 98.0140,
107.3695

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.



48.2948, 33.4790, 83.0120



53.9401, 33.4790, 46.7991



52.8082, 33.4790, 21.2060

Triad

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



53.9401, 33.4790, 46.7991



25.9198, 33.4790, 5.7447



21.2259, 33.4790, 94.3517

Complementary

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



53.9401, 33.4790, 46.7991



48.5473, 77.2295, 52.3967

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.



17.2932, 33.4790, 57.6700



53.9401, 33.4790, 46.7991



19.5970, 33.4790, 11.6840

Square

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



53.9401, 33.4790, 46.7991



35.2536, 33.4790, 5.1004



16.7647, 33.4790, 27.7564



28.6184, 33.4790, 118.3769

Rectangle

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



53.9401, 33.4790, 46.7991



48.4264, 33.4790, 11.8439



16.7647, 33.4790, 27.7564



19.5250, 33.4790, 82.4251

Sweetspot

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



53.9409, 33.4807, 46.7997



78.7632, 72.7893, 86.9380



39.4831, 24.8939, 97.3318



16.3697, 14.7749, 17.9128



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.



53.9409, 33.4807, 46.7997



50.1961, 28.2327, 38.6404



48.2120, 31.1891, 16.6313



18.4032, 18.1446, 20.7406



23.8152, 12.0154, 12.9433



2.3740, 1.1920, 1.5511

Inverse Universe

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



53.9409, 33.4807, 46.7997



50.1961, 28.2327, 38.6404



58.1306, 81.0627, 102.8613



18.4032, 18.1446, 20.7406



23.8152, 12.0154, 12.9433



2.3740, 1.1920, 1.5511

Previews

White Background



This preview shows how the XYZ color 53.9401, 33.4790, 46.7991 looks on a white background.

Color Contrast Check

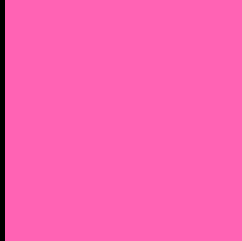
Large Text (above 18pt) WCAG AA × Fail

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 53.9401, 33.4790, 46.7991 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 53.9401, 33.4790, 46.7991

Background



This preview shows how black text looks on a background with the XYZ color 53.9401, 33.4790, 46.7991.



This preview shows how white text looks on a background with the XYZ color 53.9401, 33.4790,

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

53.9401, 33.4790, 46.7991

Protanopia

34.8575, 33.9079, 71.0374

Deuteranopia

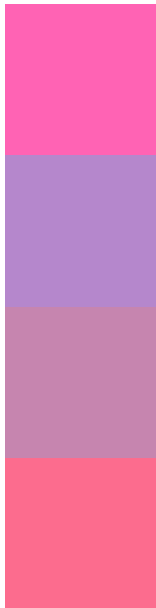
34.1917, 33.4344, 43.6811



Tritanopia

48.7196, 33.4903, 21.6658

Trichromacy



Original Color

53.9401, 33.4790, 46.7991

Protanomaly

38.6191, 31.5113, 61.1736

Deuteranomaly

39.4141, 31.8760, 44.6328

Tritanomaly

50.3899, 33.3736, 29.3771

Monochromacy



Original Color

53.9401, 33.4790, 46.7991

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

36.8507, 31.0846, 39.1797

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.9401, 33.4790, 46.7991 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, 99, 180)` looks like.

```
.text, #text, p{  
    color:rgb(255, 99, 180)  
}
```

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, 99, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 99, 180) }
```

Border

The CSS property to change the border of an element to XYZ 53.9401, 33.4790, 46.7991 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, 99, 180) }
```


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

```
.border{ border-color:rgb(255, 99, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 99, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 99, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 99, 180);  
box-shadow:4px 4px 4px 4px rgb(255, 99,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 53.9401, 33.4790, 46.7991 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 99, 180) }
```

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

```
.background{ background-color: rgb(255, 99,  
180) }
```

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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