

Converting Colors

XYZ(53.9292, 33.1003, 47.8958)

Have a look what the booklet for
XYZ(53.9292, 33.1003, 47.8958)
contains.

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Color

**XYZ(53.9582, 33.1868,
47.8177)**

Conversions

Conversions Part 1

Format	Color
Hex	FF61B6
RGB	255, 97, 182
RGB Percent	100%, 38%, 71%
CMY	0.0000, 0.6196, 0.2863
CMYK	0.00, 0.62, 0.29, 0.00
HSL	328°, 100%, 69%
HSV	328°, 62%, 100%
XYZ	53.9582, 33.1868, 47.8177
YIQ	153.9320, 66.8830, 59.9310

Conversions

Conversions Part 2

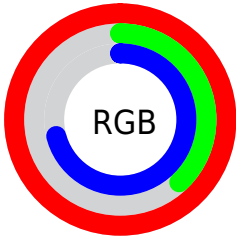
Format	Color
R_{YB}	255, 97, 182
Decimal	16736694
CIE _{Lab}	64.31, 67.84, -13.55
CIE _{LCh}	64, 69.178, 348.702
Yxy	33.1868, 0.3998, 0.2459
Android (android.graphics.Color)	4294926774 (0xFFFF61B6)
YUV	153.9320, 13.8375, 88.6366
Hunter-Lab	57.6080, 66.3771, -8.8883

Details

The XYZ color **53.9582, 33.1868, 47.8177** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **47.9472, 76.9645, 50.3629**, and the grayscale version is **30.6075, 32.2015, 35.0674**.

A 20% lighter version of the original color is **68.3940, 50.8757, 87.1042**, and **26.6749, 13.9829, 22.0619** is the 20% darker color. If you saturate the color by 10%, you get **50.8021, 28.7420, 41.0088**, and if you desaturate by 10%, it is **57.9754, 39.1897, 55.4198**.

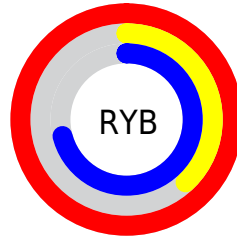
Distribution



Red (100%)

Green (38%)

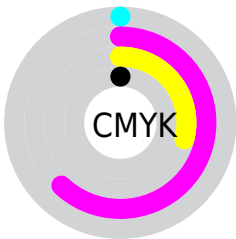
Blue (71%)



Red (100%)

Yellow (38%)

Blue (71%)

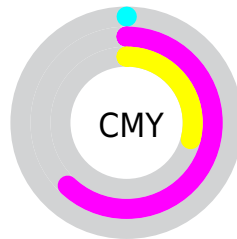


Cyan (0%)

Magenta (62%)

Yellow (29%)

Black (0%)



Cyan (0%)


Magenta (62%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.9582, 33.1868, 47.8177 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 53.9582, 33.1868, 47.8177 by changing the saturation by 10% instead.


 53.9582, 33.1868,
47.8177


 53.9582, 33.1868,
47.8177

392.1515,
316.4906, 394.5569


 38.7988, 22.2696,
33.3236

 95.1701, 64.6671,
88.2956


 26.7832, 14.0551,
22.1013


 121.9533, 85.9989,
115.1165

 17.5462, 8.1590,
13.7323


 153.3419,
111.5711, 146.8834

 10.7224, 4.1969,
7.7981

 189.7010,
141.7679, 184.0149

 5.9464, 1.7843,
3.8801

231.3963,
176.9740, 226.9294

 2.8529, 0.4774,
1.5598

278.7928,

 1.0764, 0.0000,

217.5735, 276.0456

0.2619

332.2561,
263.9509, 331.7819

■ 0.0053, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 53.9582, 33.1868,
47.8177

■ 53.9582, 33.1868,
47.8177

■ 50.8021, 28.7420,
41.0088

■ 57.9754, 39.1897,
55.4198

■ 48.4265, 25.6984,
34.9528

■ 62.9191, 46.8777,
63.8479

■ 46.7386, 23.8742,
29.6063

■ 68.8509, 56.3705,
73.1344

■ 45.7681, 23.0712,
25.7748

■ 75.8264, 67.7753,
83.3090

83.8966, 81.1908,
94.3995

93.1092, 96.7091,
106.4323

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.



47.9898, 33.1868, 84.9583



53.9582, 33.1868, 47.8177



53.0593, 33.1868, 21.4028

Triad

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



53.9582, 33.1868, 47.8177



25.8599, 33.1868, 5.2824



20.6363, 33.1868, 94.0047

Complementary

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



53.9582, 33.1868, 47.8177



47.9472, 76.9645, 50.3629

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.



16.8077, 33.1868, 56.4302



53.9582, 33.1868, 47.8177



19.3623, 33.1868, 10.8816

Square

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



53.9582, 33.1868, 47.8177



35.3949, 33.1868, 4.7959



16.3957, 33.1868, 26.5290



27.9813, 33.1868, 119.5100

Rectangle

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



53.9582, 33.1868, 47.8177



48.7221, 33.1868, 11.7484



16.3957, 33.1868, 26.5290



18.9671, 33.1868, 81.6772

Sweetspot

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



53.9591, 33.1884, 47.8183



78.0968, 71.5290, 86.4922



38.4963, 24.1074, 97.2320



16.2456, 14.5324, 17.8536



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.



53.9591, 33.1884, 47.8183



50.2561, 28.0117, 39.7118



48.0606, 30.8291, 16.7575



18.4180, 18.1505, 20.8182



23.9911, 12.0857, 13.8696



2.3911, 1.1988, 1.6411

Inverse Universe

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



53.9591, 33.1884, 47.8183



50.2561, 28.0117, 39.7118



57.4947, 80.7835, 100.6395



18.4180, 18.1505, 20.8182



23.9911, 12.0857, 13.8696



2.3911, 1.1988, 1.6411

Previews

White Background



This preview shows how the XYZ color 53.9582, 33.1868, 47.8177 looks on a white background.

Color Contrast Check

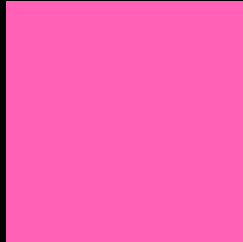
Large Text (above 18pt) WCAG AA × Fail

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 53.9582, 33.1868, 47.8177 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

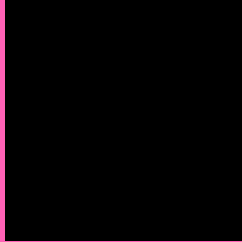
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.9582, 33.1868, 47.8177

Background



This preview shows how black text looks on a background with the XYZ color 53.9582, 33.1868, 47.8177.



This preview shows how white text looks on a background with the XYZ color 53.9582, 33.1868,

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

53.9582, 33.1868, 47.8177

Protanopia

34.7321, 33.5360, 73.7498

Deuteranopia

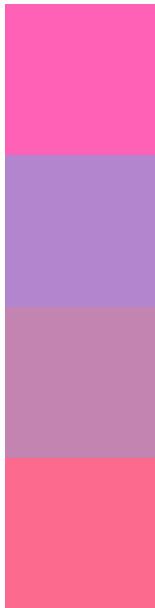
33.9725, 33.2990, 44.6812



Tritanopia

48.5483, 33.2442, 21.3108

Trichromacy



Original Color

53.9582, 33.1868, 47.8177

Protanomaly

38.2404, 30.8638, 62.9733

Deuteranomaly

38.9520, 31.4126, 45.6052

Tritanomaly

50.2851, 33.1638, 29.3421

Monochromacy



Original Color

53.9582, 33.1868, 47.8177

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

36.5742, 30.5318, 39.0875

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.9582, 33.1868, 47.8177 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, 97, 182)` looks like.

```
.text, #text, p{  
    color:rgb(255, 97, 182)  
}
```

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, 97, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 97, 182) }
```

Border

The CSS property to change the border of an element to XYZ 53.9582, 33.1868, 47.8177 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, 97, 182) }
```


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

```
.border{ border-color:rgb(255, 97, 182) }
```

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

Here you see how a box with a 4 pixel rgb(255, 97, 182) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 97, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 97, 182);  
box-shadow:4px 4px 4px 4px rgb(255, 97,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 53.9582, 33.1868, 47.8177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 97, 182) }
```

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

```
.background{ background-color: rgb(255, 97,  
182) }
```

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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