

Converting Colors

XYZ(51.8899, 35.3136, 33.1436)

Have a look what the booklet for
XYZ(51.8899, 35.3136, 33.1436)
contains.

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Color

**XYZ(51.8953, 35.3882,
32.9496)**

Conversions

Conversions Part 1

Format	Color
Hex	FC7496
RGB	252, 116, 150
RGB Percent	99%, 45%, 59%
CMY	0.0118, 0.5451, 0.4118
CMYK	0.00, 0.54, 0.40, 0.01
HSL	345°, 96%, 72%
HSV	345°, 54%, 99%
XYZ	51.8953, 35.3882, 32.9496
YIQ	160.5400, 70.1420, 39.4060

Conversions

Conversions Part 2

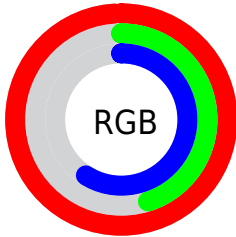
Format	Color
R _Y B	252, 116, 150
Decimal	16544918
CIE Lab	66.05, 55.00, 7.19
CIE LCh	66, 55.469, 7.448
Yxy	35.3882, 0.4316, 0.2943
Android (android.graphics.Color)	4294734998 (0xFFFC7496)
YUV	160.5400, -5.1962, 80.2104
Hunter-Lab	59.4880, 51.6134, 8.8016

Details

The XYZ color **51.8953, 35.3882, 32.9496** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **54.6697, 78.3966, 78.5851**, and the grayscale version is **33.6647, 35.4179, 38.5701**.

A 20% lighter version of the original color is **66.8916, 55.1247, 64.2413**, and **25.3538, 15.2089, 13.4037** is the 20% darker color. If you saturate the color by 10%, you get **47.9731, 29.7862, 24.7291**, and if you desaturate by 10%, it is **56.8526, 42.6674, 42.7269**.

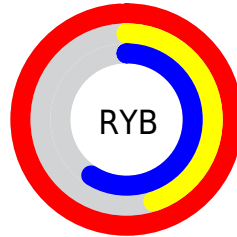
Distribution



Red (99%)

Green (45%)

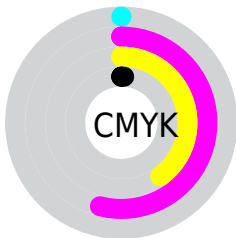
Blue (59%)



Red (99%)

Yellow (45%)

Blue (59%)

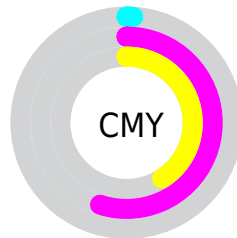


Cyan (0%)

Magenta (54%)

Yellow (40%)

Black (1%)



Cyan (1%)

Magenta (55%)


Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.8953, 35.3882, 32.9496 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 51.8953, 35.3882, 32.9496 by changing the saturation by 10% instead.


 51.8953, 35.3882,
32.9496


 51.8953, 35.3882,
32.9496


384.3629,
326.2785, 330.0476


 37.1456, 23.9621,
21.8170


 92.1520, 68.0867,
65.4119

 25.4944, 15.3055,
13.5255


 118.3896, 90.1279,
87.5788

 16.5765, 9.0341,
7.6564


 149.1872,
116.4762, 114.2608

 10.0264, 4.7634,
3.7913

184.9102,
147.5160, 145.8766

 5.4789, 2.1091,
1.5116

225.9239,
183.6318, 182.8446

 2.5685, 0.6697,
0.2265

272.5937,

 0.9299, 0.0000,

225.2078, 225.5834

0.0000

325.2849,
272.6286, 274.5116

■ 0.0000, 0.0000,
0.0000

■ 51.8953, 35.3882,
32.9496

■ 51.8953, 35.3882,
32.9496

■ 47.9731, 29.7862,
24.7291

■ 56.8526, 42.6674,
42.7269

■ 45.0060, 25.7205,
17.9799

■ 62.9112, 51.7387,
54.1363

■ 42.9065, 23.0363,
12.6103

■ 70.1348, 62.7132,
67.2500

■ 41.5681, 21.5428,
8.5162

■ 78.5814, 75.6914,
82.1355

■ 41.0418, 21.0542,
6.6020

■ 88.3053, 90.7667,
98.8564

93.9549, 99.4354,
108.8487

Harmonies

Analogous

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



50.4710, 35.3882, 58.6598



51.8953, 35.3882, 32.9496



47.8294, 35.3882, 17.0203

Triad

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



51.8953, 35.3882, 32.9496



24.9008, 35.3882, 12.5870



27.9236, 35.3882, 97.3796

Complementary

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



51.8953, 35.3882, 32.9496



54.6697, 78.3966, 78.5851

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.



22.5704, 35.3882, 73.1849



51.8953, 35.3882, 32.9496



21.0341, 35.3882, 23.6317

Square

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



51.8953, 35.3882, 32.9496



31.6252, 35.3882, 8.7978



20.2566, 35.3882, 44.7112



35.7291, 35.3882, 103.2132

Rectangle

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



51.8953, 35.3882, 32.9496



42.8898, 35.3882, 11.5625



20.2566, 35.3882, 44.7112



25.8183, 35.3882, 90.7553

Sweetspot

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



51.8962, 35.3900, 32.9502



78.8459, 74.8579, 81.0981



52.7310, 34.4266, 95.9612



16.4828, 15.4171, 16.6685



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.



51.8962, 35.3900, 32.9502



48.9084, 30.0765, 24.5873



54.2050, 43.7711, 22.1171



17.4226, 17.2964, 18.8149



21.4284, 10.9871, 3.6985



2.0252, 1.0338, 0.5560

Inverse Universe

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



51.8962, 35.3900, 32.9502



48.9084, 30.0765, 24.5873



49.8461, 60.8856, 101.2204



17.4226, 17.2964, 18.8149



21.4284, 10.9871, 3.6985



2.0252, 1.0338, 0.5560

Previews

White Background



This preview shows how the XYZ color 51.8953, 35.3882, 32.9496 looks on a white background.

Color Contrast Check

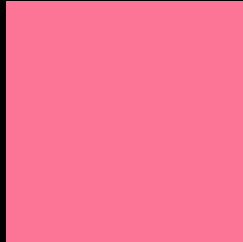
Large Text (above 18pt) WCAG AA × Fail

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 51.8953, 35.3882, 32.9496 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 51.8953, 35.3882, 32.9496

Background



This preview shows how black text looks on a background with the XYZ color 51.8953, 35.3882, 32.9496.



This preview shows how white text looks on a background with the XYZ color 51.8953, 35.3882,

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

51.8953, 35.3882, 32.9496

Protanopia

34.8059, 35.7103, 45.6158

Deuteranopia

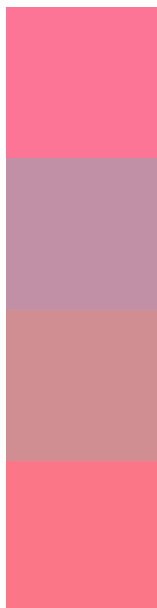
36.2838, 35.5236, 31.3299



Tritanopia

50.0371, 35.3154, 24.6014

Trichromacy



Original Color

51.8953, 35.3882, 32.9496

Protanomaly

38.8485, 34.0371, 40.5987

Deuteranomaly

40.7256, 34.5350, 31.7136

Tritanomaly

50.8244, 35.4805, 27.4622

Monochromacy



Original Color

51.8953, 35.3882, 32.9496

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

38.4593, 34.1545, 36.4637

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.8953, 35.3882, 32.9496 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(252, 116, 150)` looks like.

```
.text, #text, p{  
    color:rgb(252, 116, 150)  
}
```

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(252, 116, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 116, 150) }
```

Border

The CSS property to change the border of an element to XYZ 51.8953, 35.3882, 32.9496 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(252, 116, 150) }
```


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

```
.border{ border-color:rgb(252, 116, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 116, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 116, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 116, 150);  
box-shadow:4px 4px 4px 4px rgb(252, 116,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 51.8953, 35.3882, 32.9496 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 116, 150) }
```

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

```
.background{ background-color: rgb(252,  
116, 150) }
```

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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