

Converting Colors

XYZ(51.2671, 33.0442, 33.3901)

Have a look what the booklet for
XYZ(51.2671, 33.0442, 33.3901)
contains.

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Color

**XYZ(51.3908, 33.0383,
33.3742)**

Conversions

Conversions Part 1

Format	Color
Hex	FE6798
RGB	254, 103, 152
RGB Percent	100%, 40%, 60%
CMY	0.0039, 0.5960, 0.4039
CMYK	0.00, 0.59, 0.40, 0.00
HSL	341°, 99%, 70%
HSV	341°, 59%, 100%
XYZ	51.3908, 33.0383, 33.3742
YIQ	153.7350, 74.2670, 47.2510

Conversions

Conversions Part 2

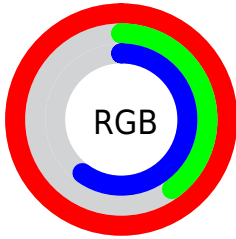
Format	Color
R _Y B	254, 103, 152
Decimal	16672664
CIE Lab	64.19, 61.68, 3.41
CIE LCh	64, 61.775, 3.167
Yxy	33.0383, 0.4362, 0.2805
Android (android.graphics.Color)	4294862744 (0xFFFE6798)
YUV	153.7350, -0.8554, 87.9324
Hunter-Lab	57.4790, 59.0052, 5.8095

Details

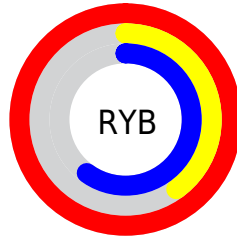
The XYZ color **51.3908, 33.0383, 33.3742** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **52.0567, 78.1758, 70.1084**, and the grayscale version is **30.5812, 32.1738, 35.0373**.

A 20% lighter version of the original color is **64.9514, 50.8578, 64.7858**, and **25.2052, 14.0048, 13.6867** is the 20% darker color. If you saturate the color by 10%, you get **47.9318, 28.2090, 25.7821**, and if you desaturate by 10%, it is **55.8220, 39.4865, 42.2940**.

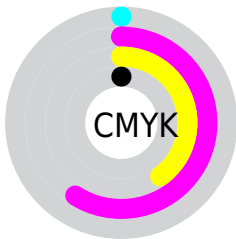
Distribution



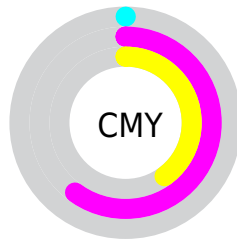
- Red (100%)
- Green (40%)
- Blue (60%)



- Red (100%)
- Yellow (40%)
- Blue (60%)



- Cyan (0%)
- Magenta (59%)
- Yellow (40%)
- Black (0%)





- Cyan (0%)
- Magenta (60%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.3908, 33.0383, 33.3742 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 51.3908, 33.0383, 33.3742 by changing the saturation by 10% instead.


 51.3908, 33.0383,
33.3742


 51.3908, 33.0383,
33.3742


382.4429,
315.8223, 332.0161


 36.7420, 22.1558,
22.1398


 91.4117, 64.4353,
66.0820


 25.1806, 13.9714,
13.7604

 117.5146, 85.7186,
88.3926

 16.3411, 8.1008,
7.8173


 148.1662,
111.2376, 115.2322

 9.8582, 4.1595,
3.8922

 183.7319,
141.3768, 147.0195

 5.3666, 1.7632,
1.5664

224.5771,
176.5204, 184.1730

 2.5009, 0.4641,
0.2667

271.0671,

 0.8957, 0.0000,

217.0529, 227.1112

0.0000

323.5672,
263.3588, 276.2528

■ 0.0000, 0.0000,
0.0000

■ 51.3908, 33.0383,
33.3742

■ 51.3908, 33.0383,
33.3742

■ 47.9318, 28.2090,
25.7821

■ 55.8220, 39.4865,
42.2940

■ 45.3616, 24.8460,
19.4461

■ 61.2938, 47.6776,
52.6038

■ 43.5864, 22.7762,
14.2893

■ 67.8713, 57.7292,
64.3635

■ 42.4639, 21.7316,
10.2146

■ 75.6133, 69.7474,
77.6290

■ 42.4119, 21.6864,
10.0163

■ 84.5745, 83.8301,
92.4529

94.6752, 99.8077,
108.8417

94.6830, 99.8108,
108.8828

Harmonies

Analogous

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



48.9487, 33.0383, 62.4228



51.3908, 33.0383, 33.3742



47.7088, 33.0383, 15.5164

Triad

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



51.3908, 33.0383, 33.3742



23.0622, 33.0383, 8.8245



24.3988, 33.0383, 98.4334

Complementary

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



51.3908, 33.0383, 33.3742



52.0567, 78.1758, 70.1084

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.



19.3118, 33.0383, 69.3260



51.3908, 33.0383, 33.3742



18.6469, 33.0383, 18.3025

Square

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



51.3908, 33.0383, 33.3742



30.4808, 33.0383, 6.1127



17.4126, 33.0383, 38.7035



32.3414, 33.0383, 108.7894

Rectangle

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



51.3908, 33.0383, 33.3742



42.6150, 33.0383, 9.5361



17.4126, 33.0383, 38.7035



22.3516, 33.0383, 90.0130

Sweetspot

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



51.3917, 33.0401, 33.3748



77.5186, 72.2915, 80.3841



47.5518, 29.6487, 96.9824



16.0679, 14.6542, 16.3234



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.



51.3917, 33.0401, 33.3748



47.8980, 27.8359, 24.9284



51.0635, 37.5340, 17.3877



18.2523, 18.0842, 19.9458



22.4198, 11.4572, 5.5951



2.2306, 1.1346, 0.7957

Inverse Universe

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



51.3917, 33.0401, 33.3748



47.8980, 27.8359, 24.9284



51.4575, 65.9870, 103.7906



18.2523, 18.0842, 19.9458



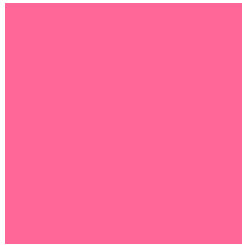
22.4198, 11.4572, 5.5951



2.2306, 1.1346, 0.7957

Previews

White Background



This preview shows how the XYZ color 51.3908, 33.0383, 33.3742 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 51.3908, 33.0383, 33.3742 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

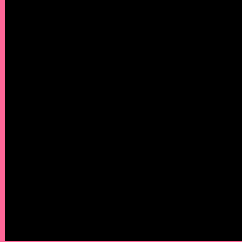
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.3908, 33.0383, 33.3742

Background



This preview shows how black text looks on a background with the XYZ color 51.3908, 33.0383, 33.3742.



This preview shows how white text looks on a background with the XYZ color 51.3908, 33.0383,

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

51.3908, 33.0383, 33.3742

Protanopia

33.0311, 33.4409, 49.5136

Deuteranopia

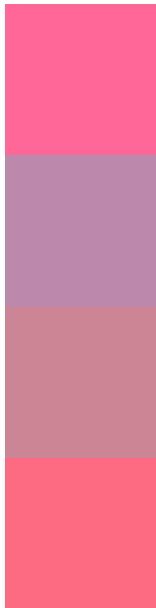
33.6964, 32.9710, 31.3761



Tritanopia

48.5705, 32.9454, 20.6288

Trichromacy



Original Color

51.3908, 33.0383, 33.3742

Protanomaly

36.9896, 31.2782, 43.1175

Deuteranomaly

38.6347, 31.7505, 32.1092

Tritanomaly

49.4318, 32.8225, 24.8491

Monochromacy



Original Color

51.3908, 33.0383, 33.3742

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

35.6489, 30.5750, 34.1597

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.3908, 33.0383, 33.3742 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(254, 103, 152)` looks like.

```
.text, #text, p{  
    color:rgb(254, 103, 152)  
}
```

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(254, 103, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 103, 152) }
```

Border

The CSS property to change the border of an element to XYZ 51.3908, 33.0383, 33.3742 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(254, 103, 152) }
```


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

```
.border{ border-color:rgb(254, 103, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 103, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 103, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 103, 152);  
box-shadow:4px 4px 4px 4px rgb(254, 103,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 51.3908, 33.0383, 33.3742 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 103, 152) }
```

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

```
.background{ background-color: rgb(254,  
103, 152) }
```

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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