

Converting Colors

XYZ(50.6150, 33.8904, 25.7040)

Have a look what the booklet for
XYZ(50.6150, 33.8904, 25.7040)
contains.

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Color

**XYZ(50.6138, 33.8886,
25.7033)**

Conversions

Conversions Part 1

Format	Color
Hex	FE6E84
RGB	254, 110, 132
RGB Percent	100%, 43%, 52%
CMY	0.0039, 0.5686, 0.4823
CMYK	0.00, 0.57, 0.48, 0.00
HSL	351°, 99%, 71%
HSV	351°, 57%, 100%
XYZ	50.6138, 33.8886, 25.7033
YIQ	155.5640, 78.7620, 37.3700

Conversions

Conversions Part 2

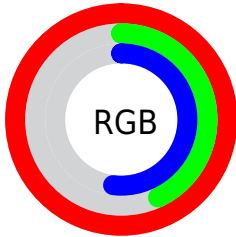
Format	Color
R_{YB}	254, 110, 132
Decimal	16674436
CIE _{Lab}	64.87, 56.68, 15.83
CIE _{LCh}	65, 58.847, 15.607
Yxy	33.8886, 0.4593, 0.3075
Android (android.graphics.Color)	4294864516 (0xFFFE6E84)
YUV	155.5640, -11.6171, 86.3284
Hunter-Lab	58.2139, 53.3216, 14.5713

Details

The XYZ color **50.6138, 33.8886, 25.7033** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **56.4397, 80.0255, 88.8212**, and the grayscale version is **31.4325, 33.0694, 36.0126**.

A 20% lighter version of the original color is **63.6332, 52.0352, 52.5889**, and **24.5727, 14.3772, 9.6636** is the 20% darker color. If you saturate the color by 10%, you get **46.9314, 28.6426, 17.9443**, and if you desaturate by 10%, it is **55.3869, 40.8301, 35.3250**.

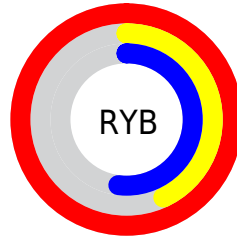
Distribution



Red (100%)

Green (43%)

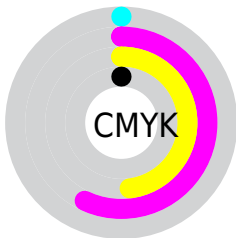
Blue (52%)



Red (100%)

Yellow (43%)

Blue (52%)

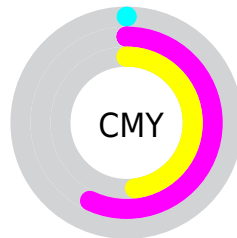


Cyan (0%)

Magenta (57%)

Yellow (48%)

Black (0%)



Cyan (0%)


Magenta (57%)


Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.6138, 33.8886, 25.7033 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 50.6138, 33.8886, 25.7033 by changing the saturation by 10% instead.


 50.6138, 33.8886,
25.7033


 50.6138, 33.8886,
25.7033


379.4739,
319.6350, 294.8815

 36.1211, 22.8080,
16.3780

 90.2700, 65.7604,
53.7741

 24.6983, 14.4518,
9.6348


 116.1643, 87.3204,
73.3567

 15.9800, 8.4356,
5.0551


 146.5899,
113.1424, 97.1955

 9.6007, 4.3749,
2.2203

181.9120,
143.6107, 125.7091

 5.1953, 1.8854,
0.6861

222.4962,
179.1097, 159.3159

 2.3982, 0.5396,
0.0000

268.7076,


 0.8442, 0.0000,

220.0238, 198.4346


0.0000


320.9117,
266.7375, 243.4836


 0.0000, 0.0000,
0.0000


 50.6138, 33.8886,
25.7033


 50.6138, 33.8886,
25.7033

 46.9314, 28.6426,
17.9443

 55.3869, 40.8301,
35.3250


 44.2491, 24.9408,
11.9242


 61.3263, 49.5904,
46.9186


 42.4658, 22.6144,
7.5064

 68.5037, 60.2876,
60.5869

 41.4557, 21.4499,
4.5317

 76.9843, 73.0284,
76.4250

 41.2357, 21.2159,
3.8233

 86.8288, 87.9117,
94.5218

94.6829, 99.8108,
108.8828

Harmonies

Analogous

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



50.7348, 33.8886, 49.7723



50.6138, 33.8886, 25.7033



45.0225, 33.8886, 12.5717

Triad

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



50.6138, 33.8886, 25.7033



21.9035, 33.8886, 12.9162



28.3231, 33.8886, 103.1682

Complementary

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



50.6138, 33.8886, 25.7033



56.4397, 80.0255, 88.8212

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.



22.0930, 33.8886, 81.3599



50.6138, 33.8886, 25.7033



18.8525, 33.8886, 26.4620

Square

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



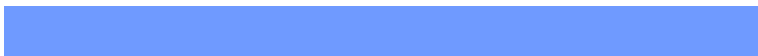
50.6138, 33.8886, 25.7033



28.0178, 33.8886, 7.7152



18.9152, 33.8886, 50.9487



36.8011, 33.8886, 102.6606

Rectangle

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



50.6138, 33.8886, 25.7033



39.4276, 33.8886, 8.6100



18.9152, 33.8886, 50.9487



25.9320, 33.8886, 97.8943

Sweetspot

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



50.6147, 33.8904, 25.7039



77.3865, 73.2483, 76.5754



56.0997, 35.1326, 97.5901



16.1745, 15.0917, 15.6675



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.



50.6147, 33.8904, 25.7039



46.9385, 28.3189, 17.2030



55.9156, 46.6523, 20.8120



18.1224, 18.0323, 19.2619



21.7732, 11.1986, 2.1900



2.1515, 1.1030, 0.3791

Inverse Universe

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



50.6147, 33.8904, 25.7039



46.9385, 28.3189, 17.2030



46.3927, 54.6151, 101.8622



18.1224, 18.0323, 19.2619



21.7732, 11.1986, 2.1900



2.1515, 1.1030, 0.3791

Previews

White Background



This preview shows how the XYZ color 50.6138, 33.8886, 25.7033 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 50.6138, 33.8886, 25.7033 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 50.6138, 33.8886, 25.7033

Background



This preview shows how black text looks on a background with the XYZ color 50.6138, 33.8886, 25.7033.



This preview shows how white text looks on a background with the XYZ color 50.6138, 33.8886,

25.7033.

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

50.6138, 33.8886, 25.7033

Protanopia

32.7557, 34.0913, 36.3064

Deuteranopia

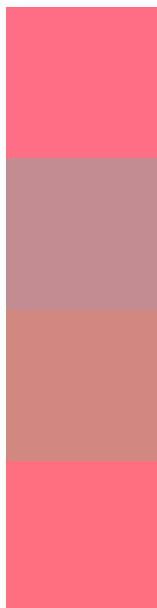
34.5354, 33.8042, 24.1067



Tritanopia

49.6923, 33.8271, 21.6795

Trichromacy



Original Color

50.6138, 33.8886, 25.7033

Protanomaly

37.1502, 32.4649, 31.9121

Deuteranomaly

38.9949, 32.7221, 24.6828

Tritanomaly

49.8305, 33.7068, 22.9485

Monochromacy



Original Color

50.6138, 33.8886, 25.7033

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

36.2373, 31.7783, 31.8277

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.6138, 33.8886, 25.7033 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, 110, 132)` looks like.

```
.text, #text, p{  
    color:rgb(254, 110, 132)  
}
```

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, 110, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 110, 132) }
```

Border

The CSS property to change the border of an element to XYZ 50.6138, 33.8886, 25.7033 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, 110, 132) }
```


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

```
.border{ border-color:rgb(254, 110, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 110, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 110, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 110, 132);  
box-shadow:4px 4px 4px 4px rgb(254, 110,  
132) }
```

Background

The CSS property to change the background color of an element to XYZ 50.6138, 33.8886, 25.7033 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 110, 132) }
```

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

```
.background{ background-color: rgb(254,  
110, 132) }
```

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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