

Converting Colors

XYZ(50.1233, 33.8106, 26.7785)

Have a look what the booklet for
XYZ(50.1233, 33.8106, 26.7785)
contains.

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Color

**XYZ(50.2025, 33.8136,
26.8024)**

Conversions

Conversions Part 1

Format	Color
Hex	FC6F87
RGB	252, 111, 135
RGB Percent	99%, 44%, 53%
CMY	0.0118, 0.5647, 0.4706
CMYK	0.00, 0.56, 0.46, 0.01
HSL	350°, 96%, 71%
HSV	350°, 56%, 99%
XYZ	50.2025, 33.8136, 26.8024
YIQ	155.8950, 76.3320, 37.3560

Conversions

Conversions Part 2

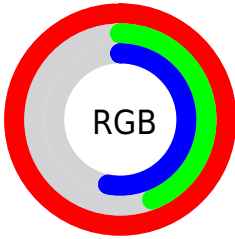
Format	Color
R _Y B	252, 111, 135
Decimal	16543623
CIE Lab	64.81, 55.83, 13.99
CIE LCh	65, 57.560, 14.068
Yxy	33.8136, 0.4530, 0.3051
Android (android.graphics.Color)	4294733703 (0xFFFC6F87)
YUV	155.8950, -10.3012, 84.2841
Hunter-Lab	58.1495, 52.3438, 13.3765

Details

The XYZ color **50.2025, 33.8136, 26.8024** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **55.3715, 78.6025, 85.6575**, and the grayscale version is **31.5750, 33.2193, 36.1759**.

A 20% lighter version of the original color is **64.1358, 52.5283, 54.3356**, and **24.5318, 14.4806, 10.3062** is the 20% darker color. If you saturate the color by 10%, you get **46.4996, 28.5374, 19.0037**, and if you desaturate by 10%, it is **54.9717, 40.7598, 36.3838**.

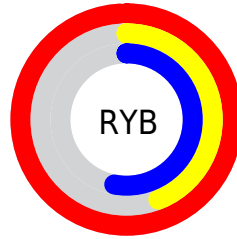
Distribution



Red (99%)

Green (44%)

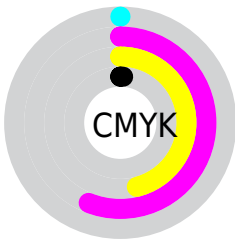
Blue (53%)



Red (99%)

Yellow (44%)

Blue (53%)

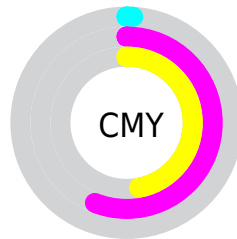


Cyan (0%)

Magenta (56%)

Yellow (46%)

Black (1%)



Cyan (1%)


Magenta (56%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.2025, 33.8136, 26.8024 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 50.2025, 33.8136, 26.8024 by changing the saturation by 10% instead.


 50.2025, 33.8136,
26.8024


 50.2025, 33.8136,
26.8024


377.8962,
319.3001, 300.4289

 35.7928, 22.7504,
17.1937


 89.6649, 65.6437,
55.5665

 24.4436, 14.4093,
10.2093


 115.4482, 87.1794,
75.5590

 15.7895, 8.4059,
5.4305

 145.7535,
112.9748, 99.8499

 9.4652, 4.3558,
2.4389

180.9461,
143.4142, 128.8577

 5.1054, 1.8745,
0.8075

221.3913,
178.8820, 163.0010

 2.3446, 0.5330,
0.0000

267.4545,

 0.8173, 0.0000,

219.7627, 202.6983

0.0000

319.5010,
266.4406, 248.3681

■ 0.0000, 0.0000,
0.0000

■ 50.2025, 33.8136,
26.8024

■ 50.2025, 33.8136,
26.8024

■ 46.4996, 28.5374,
19.0037

■ 54.9717, 40.7598,
36.3838

■ 43.7764, 24.7847,
12.8738

■ 60.8794, 49.4954,
47.8481

■ 41.9363, 22.3930,
8.2884

■ 67.9947, 60.1351,
61.2901

■ 40.8610, 21.1592,
5.1036

■ 76.3802, 72.7825,
76.7976

■ 40.5787, 20.8690,
4.1636

■ 86.0941, 87.5337,
94.4533

93.9548, 99.4354,
108.8487

Harmonies

Analogous

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



50.0222, 33.8136, 50.8156



50.2025, 33.8136, 26.8024



44.9991, 33.8136, 13.3269

Triad

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



50.2025, 33.8136, 26.8024



22.2825, 33.8136, 12.8012



27.9610, 33.8136, 100.4300

Complementary

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



50.2025, 33.8136, 26.8024



55.3715, 78.6025, 85.6575

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.



21.9968, 33.8136, 78.5441



50.2025, 33.8136, 26.8024



19.1240, 33.8136, 25.6593

Square

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



50.2025, 33.8136, 26.8024



28.4195, 33.8136, 7.9241



19.0293, 33.8136, 49.0597



36.1692, 33.8136, 101.1816

Rectangle

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



50.2025, 33.8136, 26.8024



39.6215, 33.8136, 9.1399



19.0293, 33.8136, 49.0597



25.6631, 33.8136, 94.9843

Sweetspot

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



50.2034, 33.8154, 26.8030



77.4858, 73.2881, 77.0984



54.6675, 34.5922, 95.8909



16.1976, 15.1009, 15.7894



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.



50.2034, 33.8154, 26.8030



47.4152, 28.8213, 18.7528



54.8452, 45.5048, 20.9340



17.3651, 17.2734, 18.5125



21.1741, 10.8854, 2.3595



1.9939, 1.0213, 0.3912

Inverse Universe

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



50.2034, 33.8154, 26.8030



47.4152, 28.8213, 18.7528



46.5256, 55.2049, 100.2987



17.3651, 17.2734, 18.5125



21.1741, 10.8854, 2.3595



1.9939, 1.0213, 0.3912

Previews

White Background



This preview shows how the XYZ color 50.2025, 33.8136, 26.8024 looks on a white background.

Color Contrast Check

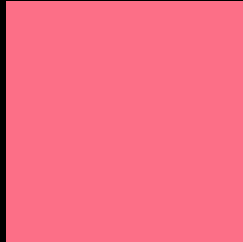
Large Text (above 18pt) WCAG AA × Fail

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 50.2025, 33.8136, 26.8024 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 50.2025, 33.8136, 26.8024

Background



This preview shows how black text looks on a background with the XYZ color 50.2025, 33.8136, 26.8024.



This preview shows how white text looks on a background with the XYZ color 50.2025, 33.8136,

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

50.2025, 33.8136, 26.8024

Protanopia

32.8122, 34.0907, 37.6517

Deuteranopia

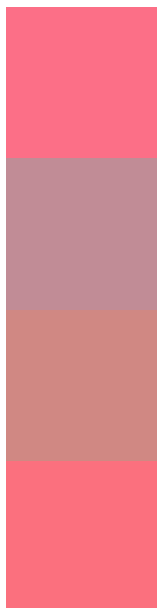
34.5575, 33.7855, 25.4688



Tritanopia

49.1400, 33.7000, 22.0039

Trichromacy



Original Color

50.2025, 33.8136, 26.8024

Protanomaly

36.8754, 32.2956, 33.1443

Deuteranomaly

38.9133, 32.6569, 25.7252

Tritanomaly

49.3437, 33.6039, 23.6242

Monochromacy



Original Color

50.2025, 33.8136, 26.8024

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

36.2092, 31.9707, 32.2795

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.2025, 33.8136, 26.8024 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, 111, 135)` looks like.

```
.text, #text, p{  
    color:rgb(252, 111, 135)  
}
```

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, 111, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 111, 135) }
```

Border

The CSS property to change the border of an element to XYZ 50.2025, 33.8136, 26.8024 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, 111, 135) }
```


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

```
.border{ border-color:rgb(252, 111, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 111, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 111, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 111, 135);  
box-shadow:4px 4px 4px 4px rgb(252, 111,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 50.2025, 33.8136, 26.8024 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 111, 135) }
```

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

```
.background{ background-color: rgb(252,  
111, 135) }
```

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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