

Converting Colors

XYZ(45.6838, 25.3785, 18.1135)

Have a look what the booklet for
XYZ(45.6838, 25.3785, 18.1135)
contains.

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Color

**XYZ(45.6838, 25.3785,
18.1135)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | FF3971 |
| RGB | 255, 57, 113 |
| RGB Percent | 100%, 22%, 44% |
| CMY | 0.0000, 0.7764, 0.5569 |
| CMYK | 0.00, 0.78, 0.56, 0.00 |
| HSL | 343°, 100%, 61% |
| HSV | 343°, 78%, 100% |
| XYZ | 45.6838, 25.3785, 18.1135 |
| YIQ | 122.5860, 100.0320, 59.3920 |

Conversions

Conversions Part 2

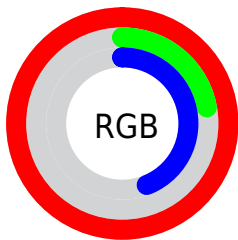
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 255, 57, 113 |
| Decimal | 16726385 |
| CIELab | 57.44, 75.10, 16.63 |
| CIElCh | 57, 76.919, 12.485 |
| Yxy | 25.3785, 0.5123, 0.2846 |
| Android (android.graphics.Color) | 4294916465 (0xFFFF3971) |
| YUV | 122.5860, -4.7259, 116.1271 |
| Hunter-Lab | 50.3771, 73.7105, 13.9457 |

Details

The XYZ color **45.6838, 25.3785, 18.1135** is a dark color, and the websafe version is hex **FF3366**. The color can be described as middle washed rose. A complement of this color would be **47.7586, 76.5143, 66.2934**, and the grayscale version is **18.6847, 19.6578, 21.4073**.

A 20% lighter version of the original color is **54.9004, 37.8594, 39.5360**, and **22.4692, 11.4697, 6.1839** is the 20% darker color. If you saturate the color by 10%, you get **43.7959, 23.0880, 12.9059**, and if you desaturate by 10%, it is **48.4126, 29.0191, 24.6254**.

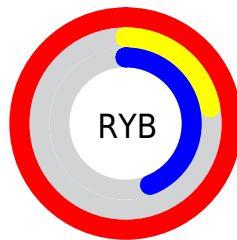
Distribution



Red (100%)

Green (22%)

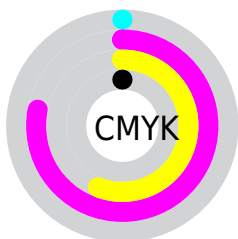
Blue (44%)



Red (100%)

Yellow (22%)

Blue (44%)

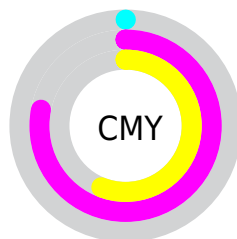


Cyan (0%)

Magenta (78%)

Yellow (56%)

Black (0%)



Cyan (0%)


Magenta (78%)


Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 45.6838, 25.3785, 18.1135 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 45.6838, 25.3785, 18.1135 by changing the saturation by 10% instead.


 45.6838, 25.3785,
18.1135


 45.6838, 25.3785,
18.1135


360.2732,
279.7177, 253.7676


 32.1999, 16.3593,
10.8612


 82.9763, 52.2706,
41.0472


 21.6705, 9.7787,
5.8606


 107.5157, 70.9123,
57.5657

 13.7303, 5.2525,
2.6931


 136.4710, 93.5302,
78.0100

 8.0137, 2.3962,
0.9399

 170.2076,
120.5088, 102.7986

 4.1556, 0.8239,
0.0000

 209.0907,
152.2324, 132.3502

 1.7906, 0.0000,
0.0000

253.4858,

 0.5120, 0.0000,

189.0855, 167.0831

0.0000

303.7582,
231.4525, 207.4161

■ 0.0000, 0.0000,
0.0000

■ 45.6838, 25.3785,
18.1135

■ 45.6838, 25.3785,
18.1135

■ 43.7959, 23.0880,
12.9059

■ 48.4126, 29.0191,
24.6254

■ 42.6244, 21.9182,
8.8987

■ 52.0752, 34.1768,
32.5288

■ 42.4131, 21.7292,
8.1080

■ 56.7537, 40.9987,
41.9037

■ 62.5203, 49.6134,
52.8233

■ 69.4404, 60.1365,
65.3555

■ 77.5739, 72.6742,
79.5643

■ 86.9769, 87.3245,
95.5098

95.0499, 99.9999,
108.9000

Harmonies

Analogous

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



45.0751, 25.3785, 45.7276



45.6838, 25.3785, 18.1135



39.5507, 25.3785, 5.6673

Triad

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



45.6838, 25.3785, 18.1135



14.0881, 25.3785, 4.6485



19.2073, 25.3785, 108.8463

Complementary

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



45.6838, 25.3785, 18.1135



47.7586, 76.5143, 66.2934

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.



13.3394, 25.3785, 77.5061



45.6838, 25.3785, 18.1135



10.9388, 25.3785, 15.0794

Square

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



45.6838, 25.3785, 18.1135



20.5165, 25.3785, 1.8617



10.7047, 25.3785, 40.0115



28.1259, 25.3785, 111.7242

Rectangle

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



45.6838, 25.3785, 18.1135



33.1906, 25.3785, 2.7117



10.7047, 25.3785, 40.0115



16.8761, 25.3785, 100.6762

Sweetspot

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



45.6844, 25.3800, 18.1139



73.0609, 65.6987, 71.7378



43.0416, 22.2768, 96.6388



15.0300, 13.1274, 14.2848



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.



45.6844, 25.3800, 18.1139



43.0900, 22.3422, 10.6170



46.5275, 30.6530, 7.3373



18.2205, 18.0715, 19.7783



22.2165, 11.3759, 4.5248



2.2075, 1.1254, 0.6743

Inverse Universe

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



45.6844, 25.3800, 18.1139



43.0900, 22.3422, 10.6170



43.3074, 55.2288, 102.9851



18.2205, 18.0715, 19.7783



22.2165, 11.3759, 4.5248



2.2075, 1.1254, 0.6743

Previews

White Background



This preview shows how the XYZ color 45.6838, 25.3785, 18.1135 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 45.6838, 25.3785, 18.1135 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 × Fail

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

XYZ 45.6838, 25.3785, 18.1135

Background



This preview shows how black text looks on a background with the XYZ color 45.6838, 25.3785, 18.1135.



This preview shows how white text looks on a background with the XYZ color 45.6838, 25.3785,

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

45.6838, 25.3785, 18.1135

Protanopia

24.8488, 25.4255, 33.7349

Deuteranopia

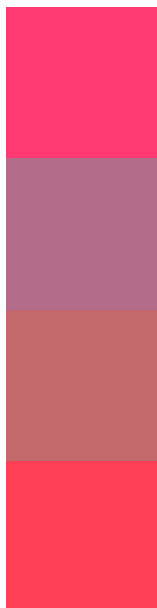
25.9400, 25.5409, 16.3947



Tritanopia

43.6207, 25.3392, 8.3862

Trichromacy



Original Color

45.6838, 25.3785, 18.1135

Protanomaly

28.5404, 22.1438, 26.8147

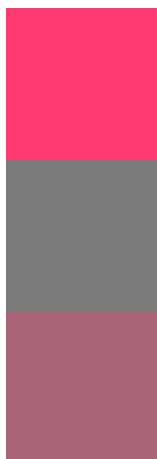
Deuteranomaly

30.4704, 22.9004, 16.7242

Tritanomaly

44.3303, 25.2977, 11.3506

Monochromacy



Original Color

45.6838, 25.3785, 18.1135

Achromatopsia

18.8265, 19.8069, 21.5697

Achromatomaly

24.5862, 18.9135, 19.8076

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.6838, 25.3785, 18.1135 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, 57, 113)` looks like.

```
.text, #text, p{  
    color:rgb(255, 57, 113)  
}
```

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, 57, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 57, 113) }
```

Border

The CSS property to change the border of an element to XYZ 45.6838, 25.3785, 18.1135 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, 57, 113) }
```


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

```
.border{ border-color:rgb(255, 57, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 57, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 57, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 57, 113);  
box-shadow:4px 4px 4px 4px rgb(255, 57,  
113) }
```

Background

The CSS property to change the background color of an element to XYZ 45.6838, 25.3785, 18.1135 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 57, 113) }
```

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

```
.background{ background-color: rgb(255, 57,  
113) }
```

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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