

Converting Colors

XYZ(45.5887, 25.4824, 18.9200)

Have a look what the booklet for
XYZ(45.5887, 25.4824, 18.9200)
contains.

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Color

**XYZ(45.5894, 25.4597,
19.0344)**

Conversions

Conversions Part 1

Format	Color
Hex	FE3B74
RGB	254, 59, 116
RGB Percent	100%, 23%, 45%
CMY	0.0039, 0.7686, 0.5451
CMYK	0.00, 0.77, 0.54, 0.00
HSL	342°, 99%, 61%
HSV	342°, 77%, 100%
XYZ	45.5894, 25.4597, 19.0344
YIQ	123.8030, 97.9230, 59.0670

Conversions

Conversions Part 2

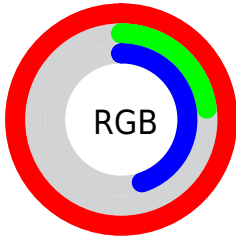
Format	Color
R_{YB}	254, 59, 116
Decimal	16661364
CIE _{Lab}	57.52, 74.49, 14.93
CIE _{LCh}	58, 75.974, 11.333
Yxy	25.4597, 0.5061, 0.2826
Android (android.graphics.Color)	4294851444 (0xFFFE3B74)
YUV	123.8030, -3.8469, 114.1828
Hunter-Lab	50.4576, 72.9773, 12.9540

Details

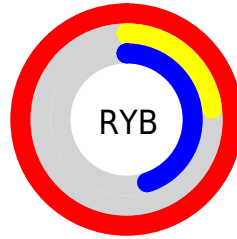
The XYZ color **45.5894, 25.4597, 19.0344** is a dark color, and the websafe version is hex **FF3366**. The color can be described as middle washed rose. A complement of this color would be **47.3258, 75.8455, 64.9771**, and the grayscale version is **19.0843, 20.0782, 21.8651**.

A 20% lighter version of the original color is **55.3908, 38.2531, 41.5100**, and **22.5292, 11.4937, 6.4999** is the 20% darker color. If you saturate the color by 10%, you get **43.6397, 23.0752, 13.7151**, and if you desaturate by 10%, it is **48.3770, 29.1966, 25.6317**.

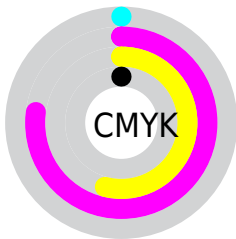
Distribution



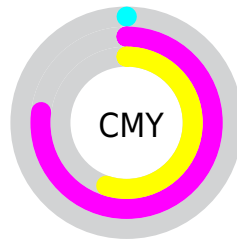
- Red (100%)
- Green (23%)
- Blue (45%)



- Red (100%)
- Yellow (23%)
- Blue (45%)



- Cyan (0%)
- Magenta (77%)
- Yellow (54%)
- Black (0%)





- Cyan (0%)
- Magenta (77%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 45.5894, 25.4597, 19.0344 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 45.5894, 25.4597, 19.0344 by changing the saturation by 10% instead.


 45.5894, 25.4597,
19.0344


 45.5894, 25.4597,
19.0344


359.8991,
280.1196, 259.0677


 32.1252, 16.4199,
11.5181


 82.8358, 52.4020,
42.6297


 21.6131, 9.8218,
6.2979


 107.3487, 71.0733,
59.5457

 13.6879, 5.2809,
2.9554


 136.2752, 93.7239,
80.4321

 7.9842, 2.4130,
1.0719

 169.9806,
120.7381, 105.7073

 4.1365, 0.8326,
0.0000

 208.8304,
152.5004, 135.7900

 1.7797, 0.0000,
0.0000

253.1898,

 0.5054, 0.0000,

189.3951, 171.0985

0.0000

303.4243,
231.8067, 212.0516

■ 0.0000, 0.0000,
0.0000

■ 45.5894, 25.4597,
19.0344

■ 45.5894, 25.4597,
19.0344

■ 43.6397, 23.0752,
13.7151

■ 48.3770, 29.1966,
25.6317

■ 42.4118, 21.8290,
9.5766

■ 52.0926, 34.4482,
33.5895

■ 42.1168, 21.5683,
8.4631

■ 56.8160, 41.3584,
42.9842

■ 62.6176, 50.0529,
53.8853

■ 69.5614, 60.6454,
66.3580

■ 77.7059, 73.2399,
80.4630

■ 87.1060, 87.9329,
96.2579

94.6829, 99.8107,
108.8828

Harmonies

Analogous

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



44.7162, 25.4597, 46.9308



45.5894, 25.4597, 19.0344



39.7610, 25.4597, 6.1133

Triad

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



45.5894, 25.4597, 19.0344



14.4281, 25.4597, 4.6110



19.0447, 25.4597, 106.8338

Complementary

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



45.5894, 25.4597, 19.0344



47.3258, 75.8455, 64.9771

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.



13.3415, 25.4597, 75.3908



45.5894, 25.4597, 19.0344



11.1714, 25.4597, 14.6325

Square

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



45.5894, 25.4597, 19.0344



20.9370, 25.4597, 1.9434



10.8308, 25.4597, 38.7156



27.7826, 25.4597, 110.9413

Rectangle

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



45.5894, 25.4597, 19.0344



33.5448, 25.4597, 2.9543



10.8308, 25.4597, 38.7156



16.7730, 25.4597, 98.4880

Sweetspot

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



45.5900, 25.4612, 19.0348



73.1316, 65.7270, 72.1101



42.0902, 21.9546, 95.7848



15.0468, 13.1342, 14.3733



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.



45.5900, 25.4612, 19.0348



43.2989, 22.4952, 11.5030



46.0315, 30.1243, 7.5282



18.2277, 18.0744, 19.8163



22.2600, 11.3933, 4.7537



2.2125, 1.1274, 0.7007

Inverse Universe

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



45.5900, 25.4612, 19.0348



43.2989, 22.4952, 11.5030



43.9950, 56.6882, 102.3887



18.2277, 18.0744, 19.8163



22.2600, 11.3933, 4.7537



2.2125, 1.1274, 0.7007

Previews

White Background



This preview shows how the XYZ color 45.5894, 25.4597, 19.0344 looks on a white background.

Color Contrast Check

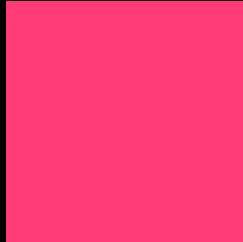
Large Text (above 18pt) WCAG AA ✓ Pass

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 45.5894, 25.4597, 19.0344 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 45.5894, 25.4597, 19.0344

Background



This preview shows how black text looks on a background with the XYZ color 45.5894, 25.4597, 19.0344.



This preview shows how white text looks on a background with the XYZ color 45.5894, 25.4597,

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

45.5894, 25.4597, 19.0344

Protanopia

25.0998, 25.5259, 35.0566

Deuteranopia

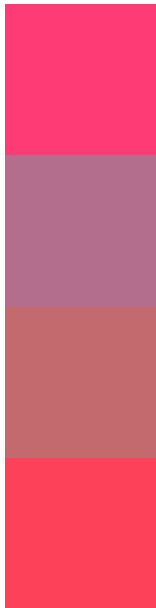
25.9417, 25.5180, 17.4681



Tritanopia

43.4427, 25.4196, 8.7477

Trichromacy



Original Color

45.5894, 25.4597, 19.0344

Protanomaly

28.8668, 22.4441, 28.0100

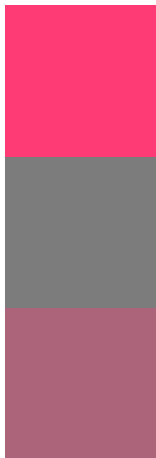
Deuteranomaly

30.4742, 23.0360, 17.5921

Tritanomaly

44.1598, 25.3678, 11.8015

Monochromacy



Original Color

45.5894, 25.4597, 19.0344

Achromatopsia

19.1579, 20.1556, 21.9495

Achromatomaly

24.8029, 19.1527, 20.4788

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.5894, 25.4597, 19.0344 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, 59, 116)` looks like.

```
.text, #text, p{  
    color:rgb(254, 59, 116)  
}
```

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, 59, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 59, 116) }
```

Border

The CSS property to change the border of an element to XYZ 45.5894, 25.4597, 19.0344 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, 59, 116) }
```


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

```
.border{ border-color:rgb(254, 59, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 59, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 59, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 59, 116);  
box-shadow:4px 4px 4px 4px rgb(254, 59,  
116) }
```

Background

The CSS property to change the background color of an element to XYZ 45.5894, 25.4597, 19.0344 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 59, 116) }
```

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

```
.background{ background-color: rgb(254, 59,  
116) }
```

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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