

Converting Colors

XYZ(51.4645, 30.5865, 43.2281)

Have a look what the booklet for
XYZ(51.4645, 30.5865, 43.2281)
contains.

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Color

**XYZ(51.4758, 30.5942,
43.2366)**

Conversions

Conversions Part 1

Format	Color
Hex	FD56AE
RGB	253, 86, 174
RGB Percent	99%, 34%, 68%
CMY	0.0078, 0.6627, 0.3176
CMYK	0.00, 0.66, 0.31, 0.01
HSL	328°, 98%, 66%
HSV	328°, 66%, 99%
XYZ	51.4758, 30.5942, 43.2366
YIQ	145.9650, 71.2840, 62.7720

Conversions

Conversions Part 2

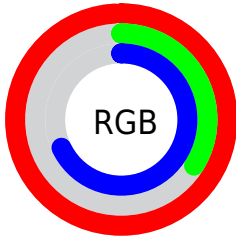
Format	Color
R _Y B	253, 86, 174
Decimal	16602798
CIE Lab	62.16, 70.65, -12.24
CIE LCh	62, 71.700, 350.172
Yxy	30.5942, 0.4108, 0.2442
Android (android.graphics.Color)	4294792878 (0xFFFD56AE)
YUV	145.9650, 13.8213, 93.8697
Hunter-Lab	55.3120, 69.3239, -7.6277

Details

The XYZ color **51.4758, 30.5942, 43.2366** is a light color, and the websafe version is hex **FF3399**. The color can be described as light muted rose. A complement of this color would be **45.7564, 74.9466, 47.6562**, and the grayscale version is **27.2335, 28.6518, 31.2018**.

A 20% lighter version of the original color is **65.5083, 47.1679, 79.7804**, and **25.2511, 12.6116, 19.5158** is the 20% darker color. If you saturate the color by 10%, you get **48.6858, 26.7990, 36.8039**, and if you desaturate by 10%, it is **55.0861, 35.8631, 50.4563**.

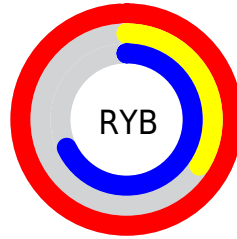
Distribution



Red (99%)

Green (34%)

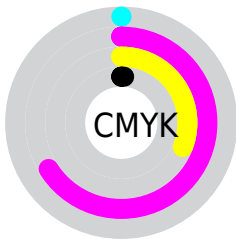
Blue (68%)



Red (99%)

Yellow (34%)

Blue (68%)

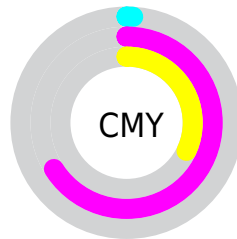


Cyan (0%)

Magenta (66%)

Yellow (31%)

Black (1%)



Cyan (1%)


Magenta (66%)


Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.4758, 30.5942, 43.2366 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 51.4758, 30.5942, 43.2366 by changing the saturation by 10% instead.


 51.4758, 30.5942,
43.2366

 51.4758, 30.5942,
43.2366

382.7668,
304.6644, 375.5336

 36.8100, 20.2900,
29.7380

 91.5365, 60.6006,
81.3580

 25.2334, 12.6061,
19.3895


 117.6621, 81.0716,
106.8178

 16.3807, 7.1578,
11.7724


 148.3384,
105.7004, 137.1019

 9.8865, 3.5610,
6.4682

 183.9306,
134.8714, 172.6286

 5.3855, 1.4312,
3.0585

224.8043,
168.9688, 213.8166

 2.5122, 0.2395,
1.1246

271.3246,

 0.9014, 0.0000,

208.3772, 261.0845

0.0000

323.8570,
253.4810, 314.8506

■ 0.0000, 0.0000,
0.0000

■ 51.4758, 30.5942,
43.2366

■ 51.4758, 30.5942,
43.2366

■ 48.6858, 26.7990,
36.8039

■ 55.0861, 35.8631,
50.4563

■ 46.6313, 24.3130,
31.1158

■ 59.5843, 42.7376,
58.4975

■ 45.2121, 22.9399,
26.1253

■ 65.0338, 51.3400,
67.3942

■ 44.7633, 22.5848,
24.3033

■ 71.4912, 61.7796,
77.1769

■ 79.0082, 74.1565,
87.8747

87.6333, 88.5634,
99.5148

94.3181, 99.6227,
108.8657

Harmonies

Analogous

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



45.7937, 30.5942, 80.2890



51.4758, 30.5942, 43.2366



50.2184, 30.5942, 18.1350

Triad

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



51.4758, 30.5942, 43.2366



23.1351, 30.5942, 4.1788



18.7352, 30.5942, 93.1011

Complementary

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



51.4758, 30.5942, 43.2366



45.7564, 74.9466, 47.6562

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.



14.9017, 30.5942, 55.2166



51.4758, 30.5942, 43.2366



17.0245, 30.5942, 9.5438

Square

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



51.4758, 30.5942, 43.2366



32.3643, 30.5942, 3.5874



14.3537, 30.5942, 25.0355



26.0237, 30.5942, 117.9650

Rectangle

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



51.4758, 30.5942, 43.2366



45.6968, 30.5942, 9.4379



14.3537, 30.5942, 25.0355



17.0747, 30.5942, 80.7295

Sweetspot

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



51.4767, 30.5958, 43.2371



77.2387, 70.2081, 84.9879



36.3554, 21.6349, 95.1886



16.0745, 14.2742, 17.5378



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.



51.4767, 30.5958, 43.2371



48.8571, 26.3842, 35.6371



45.7499, 28.3051, 13.0804



18.4093, 18.1470, 20.7725



23.8867, 12.0440, 13.3196



2.3810, 1.1948, 1.5878

Inverse Universe

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



51.4767, 30.5958, 43.2371



48.8571, 26.3842, 35.6371



55.8196, 78.9718, 100.6483



18.4093, 18.1470, 20.7725



23.8867, 12.0440, 13.3196



2.3810, 1.1948, 1.5878

Previews

White Background



This preview shows how the XYZ color 51.4758, 30.5942, 43.2366 looks on a white background.

Color Contrast Check

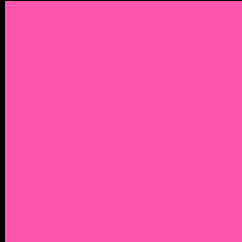
Large Text (above 18pt) WCAG AA × Fail

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 51.4758, 30.5942, 43.2366 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

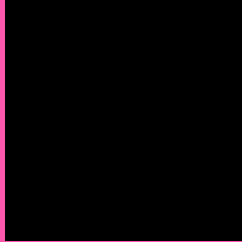
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.4758, 30.5942, 43.2366

Background



This preview shows how black text looks on a background with the XYZ color 51.4758, 30.5942, 43.2366.



This preview shows how white text looks on a background with the XYZ color 51.4758, 30.5942,

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

51.4758, 30.5942, 43.2366

Protanopia

32.0164, 30.7788, 69.8991

Deuteranopia

31.1710, 30.5435, 39.8499



Tritanopia

46.2231, 30.5633, 17.9311

Trichromacy



Original Color

51.4758, 30.5942, 43.2366



Protanomaly

35.1098, 27.7685, 58.7677



Deuteranomaly

36.2679, 28.5799, 40.6507



Tritanomaly

47.8409, 30.3832, 25.5334

Monochromacy



Original Color

51.4758, 30.5942, 43.2366



Achromatopsia

27.3213, 28.7441, 31.3023



Achromatomaly

33.2160, 27.1299, 34.9384

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.4758, 30.5942, 43.2366 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(253, 86, 174)` looks like.

```
.text, #text, p{  
    color:rgb(253, 86, 174)  
}
```

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(253, 86, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 86, 174) }
```

Border

The CSS property to change the border of an element to XYZ 51.4758, 30.5942, 43.2366 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(253, 86, 174) }
```


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

```
.border{ border-color:rgb(253, 86, 174) }
```

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

Here you see how a box with a 4 pixel rgb(253, 86, 174) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 86, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 86, 174);  
box-shadow:4px 4px 4px 4px rgb(253, 86,  
174) }
```

Background

The CSS property to change the background color of an element to XYZ 51.4758, 30.5942, 43.2366 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 86, 174) }
```

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

```
.background{ background-color: rgb(253, 86,  
174) }
```

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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