

Converting Colors

XYZ(50.3845, 33.5187, 44.3716)

Have a look what the booklet for
XYZ(50.3845, 33.5187, 44.3716)
contains.

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Color

**XYZ(50.3845, 33.5187,
44.3716)**

Conversions

Conversions Part 1

Format	Color
Hex	F36FAF
RGB	243, 111, 175
RGB Percent	95%, 44%, 69%
CMY	0.0471, 0.5647, 0.3137
CMYK	0.00, 0.54, 0.28, 0.05
HSL	331°, 85%, 69%
HSV	331°, 54%, 95%
XYZ	50.3845, 33.5187, 44.3716
YIQ	157.7640, 58.1280, 47.8880

Conversions

Conversions Part 2

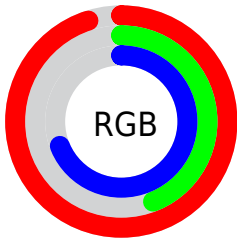
Format	Color
R_{YB}	243, 111, 175
Decimal	15953839
CIE Lab	64.58, 57.34, -9.35
CIE LCh	65, 58.095, 350.739
Yxy	33.5187, 0.3928, 0.2613
Android (android.graphics.Color)	4294143919 (0xFFFF36FAF)
YUV	157.7640, 8.4973, 74.7520
Hunter-Lab	57.8953, 54.0261, -4.9137

Details

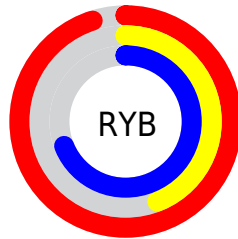
The XYZ color **50.3845, 33.5187, 44.3716** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **46.7446, 70.7364, 53.8414**, and the grayscale version is **32.3380, 34.0221, 37.0500**.

A 20% lighter version of the original color is **69.4825, 54.6670, 82.4910**, and **24.7085, 14.3528, 20.2070** is the 20% darker color. If you saturate the color by 10%, you get **46.9114, 28.4496, 37.4262**, and if you desaturate by 10%, it is **54.6946, 40.0787, 52.1590**.

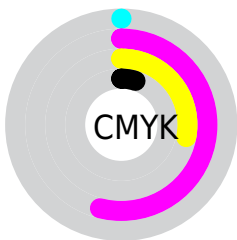
Distribution



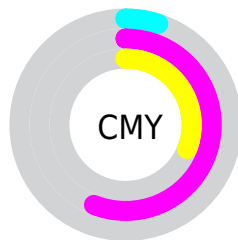
- Red (95%)
- Green (44%)
- Blue (69%)



- Red (95%)
- Yellow (44%)
- Blue (69%)



- Cyan (0%)
- Magenta (54%)
- Yellow (28%)
- Black (5%)





- Cyan (5%)
- Magenta (56%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.3845, 33.5187, 44.3716 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 50.3845, 33.5187, 44.3716 by changing the saturation by 10% instead.


 50.3845, 33.5187,
44.3716

 50.3845, 33.5187,
44.3716

378.5949,
317.9806, 380.3082


 35.9381, 22.5241,
30.6234


 89.9327, 65.1845,
83.0850

 24.5562, 14.2425,
20.0562


 115.7652, 86.6245,
108.8874

 15.8737, 8.2895,
12.2514

 146.1238,
112.3151, 139.5449

 9.5251, 4.2808,
6.7905

181.3737,
142.6406, 175.4760

 5.1451, 1.8318,
3.2550

221.8805,
177.9856, 217.0994

 2.3683, 0.5069,
1.2263

268.0093,

 0.8293, 0.0000,

218.7343, 264.8335

0.0002

320.1257,
265.2712, 319.0969

■ 0.0000, 0.0000,
0.0000

■ 50.3845, 33.5187,
44.3716

■ 50.3845, 33.5187,
44.3716

■ 46.9114, 28.4496,
37.4262

■ 54.6946, 40.0787,
52.1590

■ 44.2092, 24.7453,
31.2848

■ 59.8950, 48.2323,
60.8200

■ 42.2062, 22.2668,
25.9077

■ 66.0376, 58.0789,
70.3862

■ 40.8137, 20.8425,
21.2489

■ 73.1698, 69.7081,
80.8870

■ 40.2212, 20.3583,
18.8908

■ 81.3351, 83.2033,
92.3501

89.9955, 97.4840,
104.6089

90.7723, 97.7948,
108.6998

Harmonies

Analogous

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



45.9084, 33.5187, 73.8150



50.3845, 33.5187, 44.3716



49.2697, 33.5187, 22.5660

Triad

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



50.3845, 33.5187, 44.3716



26.5263, 33.5187, 8.2406



22.7745, 33.5187, 84.6608

Complementary

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



50.3845, 33.5187, 44.3716



46.7446, 70.7364, 53.8414

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.



19.1247, 33.5187, 55.2274



50.3845, 33.5187, 44.3716



21.0146, 33.5187, 14.5128

Square

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



50.3845, 33.5187, 44.3716



34.5012, 33.5187, 7.3928



18.5419, 33.5187, 29.6125



29.3543, 33.5187, 102.8977

Rectangle

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



50.3845, 33.5187, 44.3716



45.5713, 33.5187, 14.0294



18.5419, 33.5187, 29.6125



21.2160, 33.5187, 75.2705

Sweetspot

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



50.3855, 33.5204, 44.3722



80.1857, 75.3938, 88.1537



39.9953, 27.1891, 87.9345



16.8004, 15.5441, 18.3405



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.



50.3855, 33.5204, 44.3722



52.0520, 31.3340, 41.1414



45.5172, 31.5731, 18.7362



16.8339, 16.6164, 18.8718



22.1423, 11.2003, 10.7236



1.9978, 1.0051, 1.2148

Inverse Universe

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



50.3855, 33.5204, 44.3722



52.0520, 31.3340, 41.1414



54.7849, 73.9526, 96.1813



16.8339, 16.6164, 18.8718



22.1423, 11.2003, 10.7236



1.9978, 1.0051, 1.2148

Previews

White Background



This preview shows how the XYZ color 50.3845, 33.5187, 44.3716 looks on a white background.

Color Contrast Check

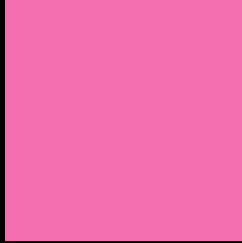
Large Text (above 18pt) WCAG AA × Fail

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 50.3845, 33.5187, 44.3716 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 50.3845, 33.5187, 44.3716

Background



This preview shows how black text looks on a background with the XYZ color 50.3845, 33.5187, 44.3716.



This preview shows how white text looks on a background with the XYZ color 50.3845, 33.5187,

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

50.3845, 33.5187, 44.3716

Protanopia

34.2424, 33.7798, 62.4730

Deuteranopia

34.3955, 33.8251, 41.7619



Tritanopia

46.3964, 33.6104, 24.8110

Trichromacy



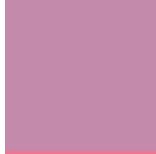
Original Color

50.3845, 33.5187, 44.3716



Protanomaly

37.7926, 32.0636, 55.2359



Deuteranomaly

38.9448, 32.7193, 42.7909



Tritanomaly

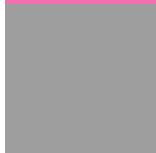
47.4848, 33.3232, 31.1234

Monochromacy



Original Color

50.3845, 33.5187, 44.3716



Achromatopsia

32.4990, 34.1914, 37.2345



Achromatomaly

37.2120, 32.5489, 39.4432

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.3845, 33.5187, 44.3716 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(243, 111, 175)` looks like.

```
.text, #text, p{  
    color:rgb(243, 111, 175)  
}
```

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(243, 111, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 111, 175) }
```

Border

The CSS property to change the border of an element to XYZ 50.3845, 33.5187, 44.3716 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(243, 111, 175) }
```


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

```
.border{ border-color:rgb(243, 111, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 111, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 111, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 111, 175);  
box-shadow:4px 4px 4px 4px rgb(243, 111,  
175) }
```

Background

The CSS property to change the background color of an element to XYZ 50.3845, 33.5187, 44.3716 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 111, 175) }
```

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

```
.background{ background-color: rgb(243,  
111, 175) }
```

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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