

Converting Colors

XYZ(43.0016, 26.6176, 30.7784)

Have a look what the booklet for
XYZ(43.0016, 26.6176, 30.7784)
contains.

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Color

**XYZ(43.0144, 26.6167,
30.8874)**

Conversions

Conversions Part 1

Format	Color
Hex	EB5794
RGB	235, 87, 148
RGB Percent	92%, 34%, 58%
CMY	0.0784, 0.6588, 0.4196
CMYK	0.00, 0.63, 0.37, 0.08
HSL	335°, 79%, 63%
HSV	335°, 63%, 92%
XYZ	43.0144, 26.6167, 30.8874
YIQ	138.2060, 68.6270, 50.3470

Conversions

Conversions Part 2

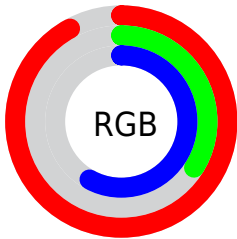
Format	Color
R _Y B	235, 87, 148
Decimal	15423380
CIE Lab	58.62, 62.25, -2.76
CIE LCh	59, 62.312, 357.460
Yxy	26.6167, 0.4279, 0.2648
Android (android.graphics.Color)	4293613460 (0xFFEB5794)
YUV	138.2060, 4.8284, 84.8883
Hunter-Lab	51.5914, 58.5398, 0.6174

Details

The XYZ color **43.0144, 26.6167, 30.8874** is a light color, and the websafe version is hex **FF6699**. The color can be described as light muted rose. A complement of this color would be **41.2804, 64.4995, 50.3225**, and the grayscale version is **24.2012, 25.4615, 27.7276**.

A 20% lighter version of the original color is **61.8739, 45.4708, 61.3927**, and **20.1167, 10.4615, 12.5143** is the 20% darker color. If you saturate the color by 10%, you get **40.3827, 23.0002, 24.9333**, and if you desaturate by 10%, it is **46.3971, 31.5262, 37.7363**.

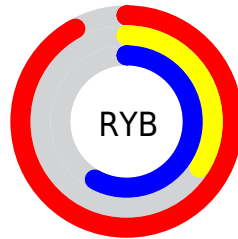
Distribution



Red (92%)

Green (34%)

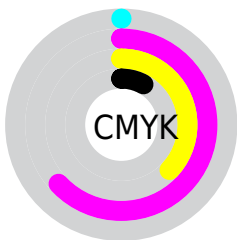
Blue (58%)



Red (92%)

Yellow (34%)

Blue (58%)

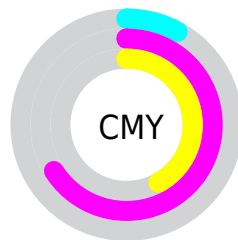


Cyan (0%)

Magenta (63%)

Yellow (37%)

Black (8%)



Cyan (8%)


Magenta (66%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.0144, 26.6167, 30.8874 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 43.0144, 26.6167, 30.8874 by changing the saturation by 10% instead.


 43.0144, 26.6167,
30.8874


 43.0144, 26.6167,
30.8874

349.5915,
285.7964, 320.3544

 30.0910, 17.2856,
20.2554


 78.9882, 54.2682,
62.1402

 20.0561, 10.4383,
12.3949


 102.7692, 73.3573,
83.5982

 12.5443, 5.6905,
6.8874


 130.9002, 96.4679,
109.5018

 7.1903, 2.6578,
3.3144

 163.7465,
123.9843, 140.2696

 3.6288, 0.9558,
1.2573

201.6734,
156.2910, 176.3203

 1.4944, 0.0000,
0.0264

245.0463,

 0.3220, 0.0000,

193.7723, 218.0723

0.0000

294.2305,
236.8127, 265.9441

■ 0.0000, 0.0000,
0.0000

■ 43.0144, 26.6167,
30.8874

■ 43.0144, 26.6167,
30.8874

■ 40.3827, 23.0002,
24.9333

■ 46.3971, 31.5262,
37.7363

■ 38.4327, 20.5454,
19.8275

■ 50.5872, 37.8348,
45.5194


■ 37.0843, 19.1002,
15.5199


■ 55.6379, 45.6421,
54.2753


■ 36.4116, 18.5224,
12.9289

■ 61.5971, 55.0377,
64.0395

■ 68.5091, 66.1038,
74.8454

 76.4150, 78.9171,
86.7249

 85.3536, 93.5494,
99.7084

 88.0709, 96.4021,
108.5734

Harmonies

Analogous

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



39.8288, 26.6167, 58.0453



43.0144, 26.6167, 30.8874



40.7171, 26.6167, 13.5766

Triad

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



43.0144, 26.6167, 30.8874



19.1056, 26.6167, 5.3734



18.1849, 26.6167, 80.9495

Complementary

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



43.0144, 26.6167, 30.8874



41.2804, 64.4995, 50.3225

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.



14.3656, 26.6167, 53.0599



43.0144, 26.6167, 30.8874



14.8170, 26.6167, 11.7189

Square

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



43.0144, 26.6167, 30.8874



25.9555, 26.6167, 3.9846



13.2686, 26.6167, 27.1548



24.6524, 26.6167, 94.6902

Rectangle

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



43.0144, 26.6167, 30.8874



36.5987, 26.6167, 7.7091



13.2686, 26.6167, 27.1548



16.6024, 26.6167, 72.3989

Sweetspot

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



43.0151, 26.6181, 30.8879



77.2426, 71.1874, 81.9940



35.7125, 21.7387, 80.9108



16.0398, 14.4501, 16.7702



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.



43.0151, 26.6181, 30.8879



47.7324, 26.5441, 27.8347



40.4758, 27.3389, 12.1624



15.3229, 15.1570, 16.9855



20.3247, 10.3326, 7.5111



1.6428, 0.8301, 0.8362

Inverse Universe

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



43.0151, 26.6181, 30.8879



47.7324, 26.5441, 27.8347



45.2255, 60.6225, 87.9148



15.3229, 15.1570, 16.9855



20.3247, 10.3326, 7.5111



1.6428, 0.8301, 0.8362

Previews

White Background



This preview shows how the XYZ color 43.0144, 26.6167, 30.8874 looks on a white background.

Color Contrast Check

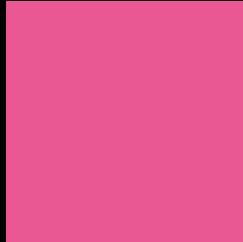
Large Text (above 18pt) WCAG AA ✓ Pass

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 43.0144, 26.6167, 30.8874 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

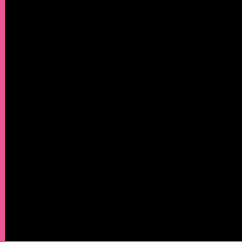
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 43.0144, 26.6167, 30.8874

Background



This preview shows how black text looks on a background with the XYZ color 43.0144, 26.6167, 30.8874.



This preview shows how white text looks on a background with the XYZ color 43.0144, 26.6167,

30.8874.

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

43.0144, 26.6167, 30.8874

Protanopia

27.1817, 26.9589, 48.0269

Deuteranopia

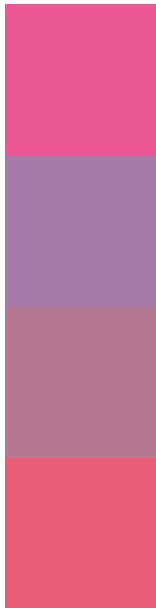
27.2709, 26.7830, 28.9316



Tritanopia

40.0016, 26.6845, 15.8743

Trichromacy



Original Color

43.0144, 26.6167, 30.8874

Protanomaly

30.4553, 25.0120, 41.2528

Deuteranomaly

31.3980, 25.3976, 29.6329

Tritanomaly

40.8484, 26.4842, 20.4118

Monochromacy



Original Color

43.0144, 26.6167, 30.8874

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

28.7129, 24.0309, 28.7163

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.0144, 26.6167, 30.8874 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(235, 87, 148)` looks like.

```
.text, #text, p{  
    color:rgb(235, 87, 148)  
}
```

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(235, 87, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 87, 148) }
```

Border

The CSS property to change the border of an element to XYZ 43.0144, 26.6167, 30.8874 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(235, 87, 148) }
```


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

```
.border{ border-color:rgb(235, 87, 148) }
```

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

Here you see how a box with a 4 pixel rgb(235, 87, 148) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 87, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 87, 148);  
box-shadow:4px 4px 4px 4px rgb(235, 87,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 43.0144, 26.6167, 30.8874 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 87, 148) }
```

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

```
.background{ background-color: rgb(235, 87,  
148) }
```

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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