

Converting Colors

XYZ(45.2744, 26.2946, 50.0705)

Have a look what the booklet for
XYZ(45.2744, 26.2946, 50.0705)
contains.

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Color

**XYZ(45.4058, 26.4033,
50.2801)**

Conversions

Conversions Part 1

Format	Color
Hex	E94EBC
RGB	233, 78, 188
RGB Percent	91%, 31%, 74%
CMY	0.0863, 0.6941, 0.2627
CMYK	0.00, 0.67, 0.19, 0.09
HSL	317°, 78%, 61%
HSV	317°, 67%, 91%
XYZ	45.4058, 26.4033, 50.2801
YIQ	136.8850, 57.0700, 67.0700

Conversions

Conversions Part 2

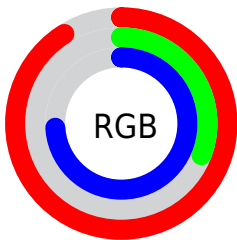
Format	Color
R _Y B	233, 78, 188
Decimal	15290044
CIE _{Lab}	58.42, 70.10, -26.28
CIE _{LCh}	58, 74.864, 339.448
Y _{xy}	26.4033, 0.3719, 0.2163
Android (android.graphics.Color)	4293480124 (0xFFE94EBC)
YUV	136.8850, 25.1997, 84.2929
Hunter-Lab	51.3841, 67.8100, -22.0472

Details

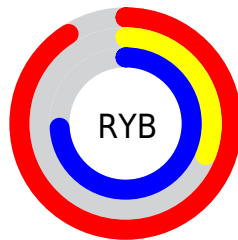
The XYZ color **45.4058, 26.4033, 50.2801** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted rose. A complement of this color would be **35.8574, 61.3286, 28.6895**, and the grayscale version is **23.6287, 24.8592, 27.0717**.

A 20% lighter version of the original color is **66.5148, 45.6830, 90.8999**, and **21.5367, 10.6055, 23.4662** is the 20% darker color. If you saturate the color by 10%, you get **43.3216, 23.3744, 46.0713**, and if you desaturate by 10%, it is **48.1120, 30.6207, 54.8654**.

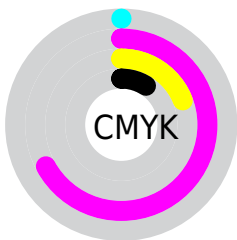
Distribution



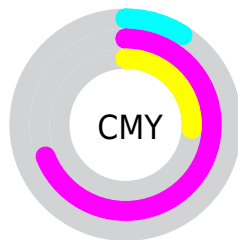
- Red (91%)
- Green (31%)
- Blue (74%)



- Red (91%)
- Yellow (31%)
- Blue (74%)



- Cyan (0%)
- Magenta (67%)
- Yellow (19%)
- Black (9%)





- Cyan (9%)
- Magenta (69%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 45.4058, 26.4033, 50.2801 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 45.4058, 26.4033, 50.2801 by changing the saturation by 10% instead.

 45.4058, 26.4033,
50.2801

 45.4058, 26.4033,
50.2801

359.1707,
284.7563, 404.5267

 31.9798, 17.1256,
35.2633


 82.5623, 53.9249,
91.9903


 21.5016, 10.3241,
23.5806


 107.0236, 72.9375,
119.5208

 13.6057, 5.6144,
14.8135


 135.8940, 95.9639,
152.0596

 7.9268, 2.6120,
8.5434

 169.5389,
123.3885, 190.0252

 4.0995, 0.9327,
4.3519

208.3237,
155.5956, 233.8361

 1.7586, 0.0000,
1.8203

252.6137,

 0.4925, 0.0000,

192.9697, 283.9110

0.4413

302.7742,
235.8951, 340.6684

■ 0.0000, 0.0000,
0.0000

■ 45.4058, 26.4033,
50.2801

■ 45.4058, 26.4033,
50.2801

■ 43.3216, 23.3744,
46.0713

■ 48.1120, 30.6207,
54.8654

■ 41.7912, 21.3996,
42.2132

■ 51.4938, 36.1342,
59.8465


■ 40.7330, 20.3160,
38.6767


■ 55.6016, 43.0436,
65.2428


■ 40.4281, 20.0532,
37.5051

■ 60.4804, 51.4380,
71.0714

■ 66.1711, 61.3988,
77.3479

 72.7121, 73.0019,
84.0874

 80.1389, 86.3177,
91.3036

 85.4095, 95.2618,
97.9846

 86.4454, 95.6761,
103.4395

Harmonies

Analogous

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



37.9973, 26.4033, 87.7452



45.4058, 26.4033, 50.2801



46.7249, 26.4033, 21.2539

Triad

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



45.4058, 26.4033, 50.2801



22.3202, 26.4033, 2.1982



13.8256, 26.4033, 74.0410

Complementary

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



45.4058, 26.4033, 50.2801



35.8574, 61.3286, 28.6895

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.



11.4470, 26.4033, 37.8259



45.4058, 26.4033, 50.2801



15.5049, 26.4033, 4.7685

Square

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



45.4058, 26.4033, 50.2801



31.7831, 26.4033, 2.6842



11.9763, 26.4033, 14.4543



19.4187, 26.4033, 106.2998

Rectangle

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



45.4058, 26.4033, 50.2801



43.7168, 26.4033, 10.4267



11.9763, 26.4033, 14.4543



12.6936, 26.4033, 61.2646

Sweetspot

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



45.4067, 26.4046, 50.2806



78.5897, 70.7485, 92.1019



25.4482, 15.4652, 78.7351



16.3992, 14.4041, 19.2479



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.



45.4067, 26.4046, 50.2806



52.3616, 27.6027, 54.6560



39.2314, 23.9345, 17.7620



15.5176, 15.2349, 18.0108



22.9960, 11.4011, 21.5781



1.8472, 0.9118, 1.9126

Inverse Universe

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



45.4067, 26.4046, 50.2806



52.3616, 27.6027, 54.6560



42.6393, 64.0413, 64.4022



15.5176, 15.2349, 18.0108



22.9960, 11.4011, 21.5781



1.8472, 0.9118, 1.9126

Previews

White Background



This preview shows how the XYZ color 45.4058, 26.4033, 50.2801 looks on a white background.

Color Contrast Check

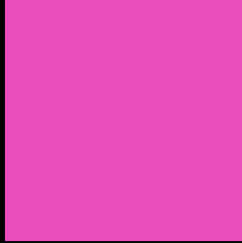
Large Text (above 18pt) WCAG AA ✓ Pass

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 45.4058, 26.4033, 50.2801 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

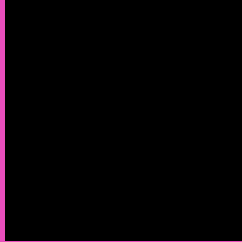
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 45.4058, 26.4033, 50.2801

Background



This preview shows how black text looks on a background with the XYZ color 45.4058, 26.4033, 50.2801.

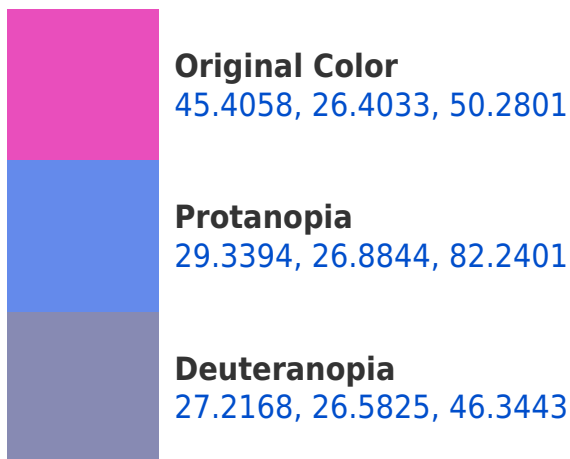


This preview shows how white text looks on a background with the XYZ color 45.4058, 26.4033,

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





Tritanopia

38.5750, 26.3446, 16.9618

Trichromacy



Original Color

45.4058, 26.4033, 50.2801



Protanomaly

31.1130, 23.8486, 69.2931



Deuteranomaly

31.4835, 24.5261, 47.3306



Tritanomaly

40.5842, 26.0899, 26.1894

Monochromacy



Original Color

45.4058, 26.4033, 50.2801



Achromatopsia

23.7775, 25.0158, 27.2422



Achromatomaly

29.2594, 23.6617, 34.4775

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.4058, 26.4033, 50.2801 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(233, 78, 188)` looks like.

```
.text, #text, p{  
    color:rgb(233, 78, 188)  
}
```

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(233, 78, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 78, 188) }
```

Border

The CSS property to change the border of an element to XYZ 45.4058, 26.4033, 50.2801 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(233, 78, 188) }
```


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

```
.border{ border-color:rgb(233, 78, 188) }
```

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

Here you see how a box with a 4 pixel rgb(233, 78, 188) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 78, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 78, 188);  
box-shadow:4px 4px 4px 4px rgb(233, 78,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 45.4058, 26.4033, 50.2801 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 78, 188) }
```

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

```
.background{ background-color: rgb(233, 78,  
188) }
```

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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