

Converting Colors

XYZ(45.8731, 28.7654, 47.5594)

Have a look what the booklet for
XYZ(45.8731, 28.7654, 47.5594)
contains.

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Color

**XYZ(45.8144, 28.7176,
47.3843)**

Conversions

Conversions Part 1

Format	Color
Hex	E85FB6
RGB	232, 95, 182
RGB Percent	91%, 37%, 71%
CMY	0.0902, 0.6274, 0.2863
CMYK	0.00, 0.59, 0.22, 0.09
HSL	322°, 75%, 64%
HSV	322°, 59%, 91%
XYZ	45.8144, 28.7176, 47.3843
YIQ	145.8810, 53.7250, 56.1010

Conversions

Conversions Part 2

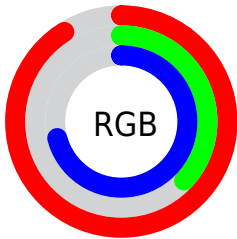
Format	Color
R_{YB}	232, 95, 182
Decimal	15228854
CIE _{Lab}	60.53, 62.16, -19.61
CIE _{LCh}	61, 65.177, 342.490
Yxy	28.7176, 0.3758, 0.2356
Android (android.graphics.Color)	4293418934 (0xFFE85FB6)
YUV	145.8810, 17.8067, 75.5264
Hunter-Lab	53.5888, 58.8237, -14.9132

Details

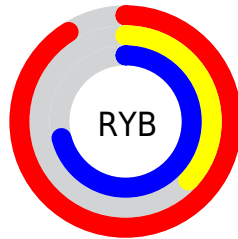
The XYZ color **45.8144, 28.7176, 47.3843** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted rose. A complement of this color would be **38.6882, 62.1914, 36.7560**, and the grayscale version is **27.1881, 28.6039, 31.1497**.

A 20% lighter version of the original color is **67.7392, 49.5663, 86.8859**, and **21.7399, 11.5569, 21.8538** is the 20% darker color. If you saturate the color by 10%, you get **43.1783, 24.8035, 42.3179**, and if you desaturate by 10%, it is **49.1273, 33.8998, 52.9379**.

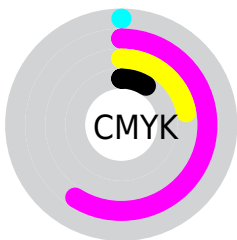
Distribution



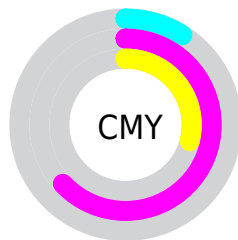
- Red (91%)
- Green (37%)
- Blue (71%)



- Red (91%)
- Yellow (37%)
- Blue (71%)



- Cyan (0%)
- Magenta (59%)
- Yellow (22%)
- Black (9%)




- Cyan (9%)
- Magenta (63%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 45.8144, 28.7176, 47.3843 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 45.8144, 28.7176, 47.3843 by changing the saturation by 10% instead.


 45.8144, 28.7176,
47.3843

 45.8144, 28.7176,
47.3843

360.7904,
295.8802, 392.7845


 32.3034, 18.8673,
32.9830


 83.1707, 57.6281,
87.6430


 21.7500, 11.5744,
21.8424


 107.7468, 77.4571,
114.3374

 13.7889, 6.4546,
13.5440


 136.7418,
101.3811, 145.9667

 8.0547, 3.1234,
7.6691

 170.5213,
129.7845, 182.9494

 4.1821, 1.1965,
3.7992

209.4506,
163.0517, 225.7040

 1.8056, 0.0588,
1.5158

253.8949,

 0.5211, 0.0000,

201.5672, 274.6490

0.2297

304.2198,
245.7152, 330.2030

■ 0.0000, 0.0000,
0.0000

■ 45.8144, 28.7176,
47.3843

■ 45.8144, 28.7176,
47.3843

■ 43.1783, 24.8035,
42.3179

■ 49.1273, 33.8998,
52.9379

■ 41.1583, 22.0388,
37.7131

■ 53.1653, 40.4465,
58.9985

■ 39.6868, 20.2893,
33.5430

■ 57.9752, 48.4495,
65.5864

■ 38.6584, 19.3460,
29.7677

■ 63.5990, 57.9913,
72.7197

■ 38.5709, 19.2727,
29.4246

■ 70.0755, 69.1483,
80.4155

■ 77.4411, 81.9919,
88.6900

■ 84.9570, 95.0431,
97.3010

■ 86.2536, 95.5618,
104.1291

■ 87.0889, 95.8959,
108.5274

Harmonies

Analogous

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



39.7468, 28.7176, 79.3923



45.8144, 28.7176, 47.3843



46.3344, 28.7176, 22.2801

Triad

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



45.8144, 28.7176, 47.3843



23.9436, 28.7176, 4.3395



17.0187, 28.7176, 74.1699

Complementary

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



45.8144, 28.7176, 47.3843



38.6882, 62.1914, 36.7560

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.



14.3503, 28.7176, 42.3980



45.8144, 28.7176, 47.3843



17.7605, 28.7176, 8.0351

Square

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



45.8144, 28.7176, 47.3843



32.4582, 28.7176, 4.6272



14.5906, 28.7176, 19.2967



22.7110, 28.7176, 99.5410

Rectangle

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



45.8144, 28.7176, 47.3843



43.3426, 28.7176, 12.3992



14.5906, 28.7176, 19.2967



15.7964, 28.7176, 63.3454

Sweetspot

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



45.8153, 28.7190, 47.3848



79.5340, 73.0976, 90.9969



29.9783, 19.8476, 78.5953



16.5580, 14.8502, 18.9043



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.



45.8153, 28.7190, 47.3848



52.8621, 29.8215, 51.0687



40.4984, 26.5923, 19.3863



14.7602, 14.5213, 16.9377



21.4755, 10.7244, 16.6647



1.6312, 0.8102, 1.4646

Inverse Universe

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



45.8153, 28.7190, 47.3848



52.8621, 29.8215, 51.0687



45.3914, 64.8726, 72.0545



14.7602, 14.5213, 16.9377



21.4755, 10.7244, 16.6647



1.6312, 0.8102, 1.4646

Previews

White Background



This preview shows how the XYZ color 45.8144, 28.7176, 47.3843 looks on a white background.

Color Contrast Check

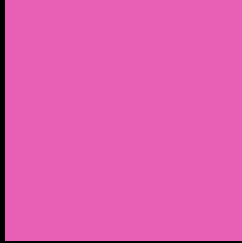
Large Text (above 18pt) WCAG AA ✓ Pass

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 45.8144, 28.7176, 47.3843 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 45.8144, 28.7176, 47.3843

Background



This preview shows how black text looks on a background with the XYZ color 45.8144, 28.7176, 47.3843.



This preview shows how white text looks on a background with the XYZ color 45.8144, 28.7176,

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

45.8144, 28.7176, 47.3843

Protanopia

30.5133, 29.0734, 70.3332

Deuteranopia

29.4951, 28.9040, 44.0689



Tritanopia

40.2100, 28.6286, 20.5461

Trichromacy



Original Color

45.8144, 28.7176, 47.3843



Protanomaly

33.1782, 26.9066, 61.2024



Deuteranomaly

33.7568, 27.5610, 45.1356



Tritanomaly

41.8542, 28.5202, 28.4983

Monochromacy



Original Color

45.8144, 28.7176, 47.3843



Achromatopsia

27.3213, 28.7441, 31.3023



Achromatomaly

31.9788, 27.0291, 36.3325

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.8144, 28.7176, 47.3843 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(232, 95, 182)` looks like.

```
.text, #text, p{  
    color:rgb(232, 95, 182)  
}
```

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(232, 95, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 95, 182) }
```

Border

The CSS property to change the border of an element to XYZ 45.8144, 28.7176, 47.3843 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(232, 95, 182) }
```


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

```
.border{ border-color:rgb(232, 95, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 95, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 95, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 95, 182);  
box-shadow:4px 4px 4px 4px rgb(232, 95,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 45.8144, 28.7176, 47.3843 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 95, 182) }
```

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

```
.background{ background-color: rgb(232, 95,  
182) }
```

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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