

Converting Colors

XYZ(44.8532, 25.4442, 47.1193)

Have a look what the booklet for
XYZ(44.8532, 25.4442, 47.1193)
contains.

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Color

**XYZ(45.0614, 25.5875,
47.3636)**

Conversions

Conversions Part 1

Format	Color
Hex	EB47B7
RGB	235, 71, 183
RGB Percent	92%, 28%, 72%
CMY	0.0784, 0.7215, 0.2824
CMYK	0.00, 0.70, 0.22, 0.08
HSL	319°, 80%, 60%
HSV	319°, 70%, 92%
XYZ	45.0614, 25.5875, 47.3636
YIQ	132.8040, 61.7920, 69.6000

Conversions

Conversions Part 2

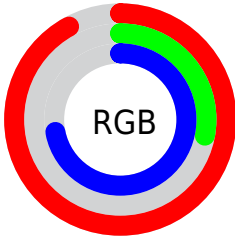
Format	Color
RYB	235, 71, 183
Decimal	15419319
CIELab	57.64, 72.45, -24.57
CIElCh	58, 76.499, 341.267
Yxy	25.5875, 0.3818, 0.2168
Android (android.graphics.Color)	4293609399 (0xFFEB47B7)
YUV	132.8040, 24.7466, 89.6259
Hunter-Lab	50.5841, 70.4895, -20.1064

Details

The XYZ color **45.0614, 25.5875, 47.3636** 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 **35.8834, 62.1872, 28.8540**, and the grayscale version is **22.1218, 23.2738, 25.3452**.

A 20% lighter version of the original color is **64.9363, 43.7246, 86.6785**, and **21.7085, 10.7257, 22.0452** is the 20% darker color. If you saturate the color by 10%, you get **43.0900, 22.8530, 42.9806**, and if you desaturate by 10%, it is **47.6530, 29.4960, 52.1564**.

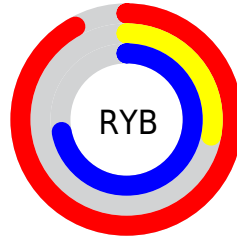
Distribution



Red (92%)

Green (28%)

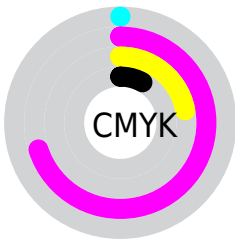
Blue (72%)



Red (92%)

Yellow (28%)

Blue (72%)

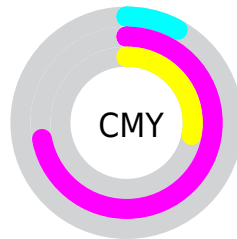


Cyan (0%)

Magenta (70%)

Yellow (22%)

Black (8%)



Cyan (8%)


Magenta (72%)


Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 45.0614, 25.5875, 47.3636 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 45.0614, 25.5875, 47.3636 by changing the saturation by 10% instead.


 45.0614, 25.5875,
47.3636


 45.0614, 25.5875,
47.3636


357.8017,
280.7512, 392.6997


 31.7073, 16.5153,
32.9668


 82.0490, 52.6087,
87.6118


 21.2925, 9.8895,
21.8301


 106.4133, 71.3266,
114.3002


 13.4516, 5.3258,
13.5350


 135.1782, 94.0284,
145.9229

 7.8194, 2.4396,
7.6629

 168.7093,
121.0986, 182.8985

 4.0304, 0.8462,
3.7954

 207.3718,
152.9216, 225.6454

 1.7194, 0.0000,
1.5138

251.5312,

 0.4683, 0.0000,

189.8818, 274.5822

0.2281

301.5527,
232.3635, 330.1275

■ 0.0000, 0.0000,
0.0000

■ 45.0614, 25.5875,
47.3636

■ 45.0614, 25.5875,
47.3636

■ 43.0900, 22.8530,
42.9806

■ 47.6530, 29.4960,
52.1564

■ 41.6649, 21.1467,
38.9790

■ 50.9226, 34.6941,
57.3806


■ 40.6684, 20.2340,
35.3166

■ 54.9237, 41.2875,
63.0572


■ 40.6487, 20.2173,
35.2401

■ 59.7037, 49.3702,
69.2051

■ 65.3059, 59.0278,
75.8414

 71.7703, 70.3393,
82.9822

 79.1343, 83.3786,
90.6428

 86.1405, 95.6300,
98.4067

 87.2867, 96.0885,
104.4425

Harmonies

Analogous

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



37.8587, 25.5875, 85.4386



45.0614, 25.5875, 47.3636



45.9612, 25.5875, 19.1341

Triad

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



45.0614, 25.5875, 47.3636



21.0438, 25.5875, 1.9079



13.3534, 25.5875, 76.0216

Complementary

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



45.0614, 25.5875, 47.3636



35.8834, 62.1872, 28.8540

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.



10.8305, 25.5875, 38.9033



45.0614, 25.5875, 47.3636



14.4685, 25.5875, 4.5635

Square

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



45.0614, 25.5875, 47.3636



30.4153, 25.5875, 2.2063



11.1797, 25.5875, 14.6156



19.0991, 25.5875, 107.9351

Rectangle

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



45.0614, 25.5875, 47.3636



42.6579, 25.5875, 9.0449



11.1797, 25.5875, 14.6156



12.1742, 25.5875, 63.0225

Sweetspot

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



45.0622, 25.5888, 47.3641



77.6672, 69.4176, 90.2096



25.4090, 14.7123, 80.0982



16.2098, 14.1416, 18.8262



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.



45.0622, 25.5888, 47.3641



51.0042, 26.4233, 49.4702



38.8675, 23.1109, 14.7433



15.4998, 15.2278, 17.9170



22.6832, 11.2760, 19.9308



1.8245, 0.9028, 1.7931

Inverse Universe

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



45.0622, 25.5888, 47.3641



51.0042, 26.4233, 49.4702



43.3193, 65.1615, 68.0110



15.4998, 15.2278, 17.9170



22.6832, 11.2760, 19.9308



1.8245, 0.9028, 1.7931

Previews

White Background



This preview shows how the XYZ color 45.0614, 25.5875, 47.3636 looks on a white background.

Color Contrast Check

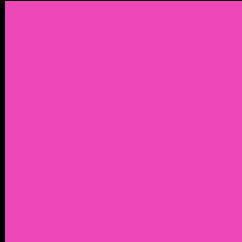
Large Text (above 18pt) WCAG AA ✓ Pass

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 45.0614, 25.5875, 47.3636 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

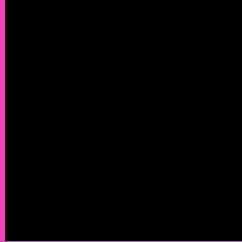
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 45.0614, 25.5875, 47.3636

Background



This preview shows how black text looks on a background with the XYZ color 45.0614, 25.5875, 47.3636.



This preview shows how white text looks on a background with the XYZ color 45.0614, 25.5875,

47.3636.

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

45.0614, 25.5875, 47.3636

Protanopia

28.6924, 26.1455, 81.3762

Deuteranopia

26.2757, 25.7326, 43.6264



Tritanopia

38.4361, 25.6180, 15.2309

Trichromacy



Original Color

45.0614, 25.5875, 47.3636



Protanomaly

30.2727, 22.7905, 67.0934



Deuteranomaly

30.5246, 23.4206, 44.5068



Tritanomaly

40.3795, 25.2832, 24.2246

Monochromacy



Original Color

45.0614, 25.5875, 47.3636



Achromatopsia

22.2940, 23.4551, 25.5426



Achromatomaly

27.7394, 21.9323, 32.0495

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.0614, 25.5875, 47.3636 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, 71, 183)` looks like.

```
.text, #text, p{  
    color:rgb(235, 71, 183)  
}
```

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, 71, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 71, 183) }
```

Border

The CSS property to change the border of an element to XYZ 45.0614, 25.5875, 47.3636 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, 71, 183) }
```


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

```
.border{ border-color:rgb(235, 71, 183) }
```

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

Here you see how a box with a 4 pixel rgb(235, 71, 183) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 71, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 71, 183);  
box-shadow:4px 4px 4px 4px rgb(235, 71,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 45.0614, 25.5875, 47.3636 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 71, 183) }
```

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

```
.background{ background-color: rgb(235, 71,  
183) }
```

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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