

Converting Colors

XYZ(46.2119, 26.2415, 50.4990)

Have a look what the booklet for
XYZ(46.2119, 26.2415, 50.4990)
contains.

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Color

**XYZ(46.0947, 26.1417,
50.7605)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | EC48BD |
| RGB | 236, 72, 189 |
| RGB Percent | 93%, 28%, 74% |
| CMY | 0.0745, 0.7176, 0.2588 |
| CMYK | 0.00, 0.69, 0.20, 0.07 |
| HSL | 317°, 81%, 60% |
| HSV | 317°, 69%, 93% |
| XYZ | 46.0947, 26.1417, 50.7605 |
| YIQ | 134.3740, 60.1870, 71.1550 |

Conversions

Conversions Part 2

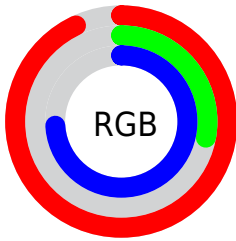
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 236, 72, 189 |
| Decimal | 15485117 |
| CIE Lab | 58.17, 73.13, -27.20 |
| CIE LCh | 58, 78.022, 339.599 |
| Yxy | 26.1417, 0.3748, 0.2125 |
| Android (android.graphics.Color) | 4293675197 (0xFFEC48BD) |
| YUV | 134.3740, 26.9306, 89.1260 |
| Hunter-Lab | 51.1290, 71.4489, -23.0725 |

Details

The XYZ color **46.0947, 26.1417, 50.7605** 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 **35.9991, 62.7014, 27.6609**, and the grayscale version is **22.6875, 23.8690, 25.9934**.

A 20% lighter version of the original color is **66.1258, 44.4163, 92.2768**, and **22.2777, 10.9794, 23.8667** is the 20% darker color. If you saturate the color by 10%, you get **44.1340, 23.3677, 46.5686**, and if you desaturate by 10%, it is **48.6765, 30.1024, 55.3288**.

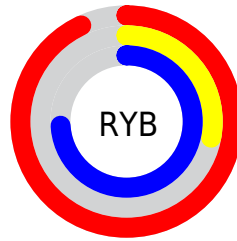
Distribution



Red (93%)

Green (28%)

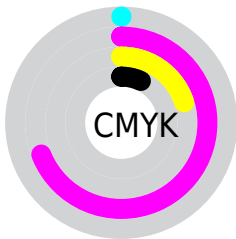
Blue (74%)



Red (93%)

Yellow (28%)

Blue (74%)

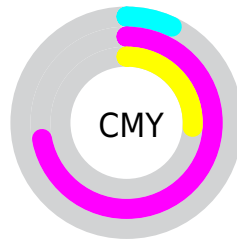


Cyan (0%)

Magenta (69%)

Yellow (20%)

Black (7%)



Cyan (7%)

Magenta (72%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 46.0947, 26.1417, 50.7605 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 46.0947, 26.1417, 50.7605 by changing the saturation by 10% instead.

46.0947, 26.1417,
50.7605

46.0947, 26.1417,
50.7605

361.8988,
283.4770, 406.4525

32.5255, 16.9297,
35.6426

83.5877, 53.5035,
92.7085

21.9207, 10.1844,
23.8708

108.2422, 72.4220,
120.3758

13.9149, 5.5214,
15.0265

137.3225, 95.3448,
153.0632

8.1428, 2.5563,
8.6912

171.1940,
122.6563, 191.1894

4.2390, 0.9047,
4.4462

210.2220,
154.7409, 235.1729

1.8382, 0.0000,
1.8732

254.7719,

0.5405, 0.0000,

191.9829, 285.4322

0.4756

305.2091,
234.7668, 342.3859

■ 0.0000, 0.0000,
0.0000

■ 46.0947, 26.1417,
50.7605

■ 46.0947, 26.1417,
50.7605

■ 44.1340, 23.3677,
46.5686

■ 48.6765, 30.1024,
55.3288

■ 42.7202, 21.6338,
42.7255

■ 51.9373, 35.3658,
60.2944


■ 41.7395, 20.7129,
39.1912

■ 55.9309, 42.0386,
65.6776


■ 41.6939, 20.6736,
39.0160


■ 60.7049, 50.2152,
71.4965

■ 66.3027, 59.9820,
77.7676

 72.7645, 71.4185,
84.5064

 80.1279, 84.5991,
91.7275

 86.5466, 95.8307,
98.8175

 87.5879, 96.2472,
104.3006

Harmonies

Analogous

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



38.3397, 26.1417, 90.4354



46.0947, 26.1417, 50.7605



47.4458, 26.1417, 20.6299

Triad

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



46.0947, 26.1417, 50.7605



21.9351, 26.1417, 1.8003



13.3007, 26.1417, 76.2613

Complementary

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



46.0947, 26.1417, 50.7605



35.9991, 62.7014, 27.6609

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.



10.8802, 26.1417, 38.0657



46.0947, 26.1417, 50.7605



14.9617, 26.1417, 4.2351

Square

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



46.0947, 26.1417, 50.7605



31.7428, 26.1417, 2.2340



11.3993, 26.1417, 13.8918



19.0299, 26.1417, 110.5414

Rectangle

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



46.0947, 26.1417, 50.7605



44.2581, 26.1417, 9.7065



11.3993, 26.1417, 13.8918



12.1485, 26.1417, 62.7310

Sweetspot

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



46.0956, 26.1430, 50.7610



77.9083, 69.5140, 91.4790



24.9940, 14.5769, 80.8535



16.2675, 14.1647, 19.1300



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.



46.0956, 26.1430, 50.7610



51.8926, 26.9237, 53.7017



39.5926, 23.5418, 16.5168



15.5201, 15.2359, 18.0240



23.0409, 11.4191, 21.8147



1.8504, 0.9131, 1.9296

Inverse Universe

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



46.0956, 26.1430, 50.7610



51.8926, 26.9237, 53.7017



43.1490, 65.5613, 65.3118



15.5201, 15.2359, 18.0240



23.0409, 11.4191, 21.8147



1.8504, 0.9131, 1.9296

Previews

White Background



This preview shows how the XYZ color 46.0947, 26.1417, 50.7605 looks on a white background.

Color Contrast Check

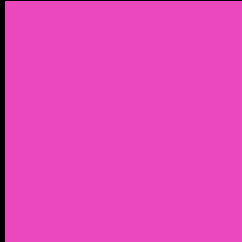
Large Text (above 18pt) WCAG AA ✓ Pass

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 46.0947, 26.1417, 50.7605 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 46.0947, 26.1417, 50.7605

Background



This preview shows how black text looks on a background with the XYZ color 46.0947, 26.1417, 50.7605.



This preview shows how white text looks on a background with the XYZ color 46.0947, 26.1417,

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

46.0947, 26.1417, 50.7605

Protanopia

29.5422, 26.6751, 86.8109

Deuteranopia

26.8980, 26.4182, 46.3294



Tritanopia

38.7178, 26.0226, 15.8142

Trichromacy



Original Color

46.0947, 26.1417, 50.7605



Protanomaly

30.9440, 23.1952, 71.9534



Deuteranomaly

31.1421, 23.9996, 47.7908



Tritanomaly

40.7478, 25.6896, 25.3652

Monochromacy



Original Color

46.0947, 26.1417, 50.7605



Achromatopsia

22.6597, 23.8398, 25.9615



Achromatomaly

28.3118, 22.3599, 33.3955

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.0947, 26.1417, 50.7605 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(236, 72, 189)` looks like.

```
.text, #text, p{  
    color:rgb(236, 72, 189)  
}
```

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(236, 72, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 72, 189) }
```

Border

The CSS property to change the border of an element to XYZ 46.0947, 26.1417, 50.7605 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(236, 72, 189) }
```


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

```
.border{ border-color:rgb(236, 72, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 72, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 72, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 72, 189);  
box-shadow:4px 4px 4px 4px rgb(236, 72,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 46.0947, 26.1417, 50.7605 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 72, 189) }
```

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

```
.background{ background-color: rgb(236, 72,  
189) }
```

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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