

Converting Colors

XYZ(41.4315, 26.6646, 46.4561)

Have a look what the booklet for
XYZ(41.4315, 26.6646, 46.4561)
contains.

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Color

**XYZ(41.4368, 26.6074,
46.6678)**

Conversions

Conversions Part 1

Format	Color
Hex	DA60B5
RGB	218, 96, 181
RGB Percent	85%, 38%, 71%
CMY	0.1451, 0.6235, 0.2902
CMYK	0.00, 0.56, 0.17, 0.15
HSL	318°, 62%, 62%
HSV	318°, 56%, 85%
XYZ	41.4368, 26.6074, 46.6678
YIQ	142.1680, 45.4270, 52.2990

Conversions

Conversions Part 2

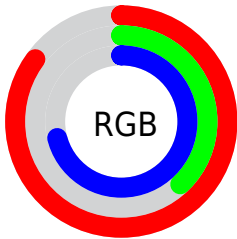
Format	Color
R _Y B	218, 96, 181
Decimal	14311605
CIE Lab	58.61, 57.54, -22.16
CIE LCh	59, 61.656, 338.939
Yxy	26.6074, 0.3612, 0.2319
Android (android.graphics.Color)	4292501685 (0xFFDA60B5)
YUV	142.1680, 19.1442, 66.5047
Hunter-Lab	51.5824, 53.1223, -17.5334

Details

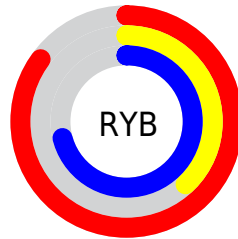
The XYZ color **41.4368, 26.6074, 46.6678** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **34.1302, 54.3239, 30.8795**, and the grayscale version is **25.6927, 27.0307, 29.4364**.

A 20% lighter version of the original color is **67.5927, 49.5076, 86.1142**, and **19.0866, 10.4183, 21.4270** is the 20% darker color. If you saturate the color by 10%, you get **39.0542, 22.9019, 42.6055**, and if you desaturate by 10%, it is **44.4047, 31.4310, 51.0846**.

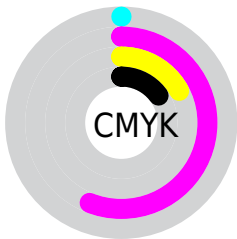
Distribution



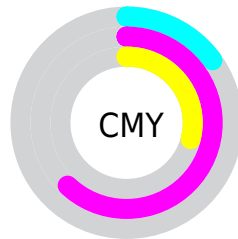
- Red (85%)
- Green (38%)
- Blue (71%)



- Red (85%)
- Yellow (38%)
- Blue (71%)



- Cyan (0%)
- Magenta (56%)
- Yellow (17%)
- Black (15%)





- Cyan (15%)
- Magenta (62%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.4368, 26.6074, 46.6678 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 41.4368, 26.6074, 46.6678 by changing the saturation by 10% instead.


 41.4368, 26.6074,
46.6678


 41.4368, 26.6074,
46.6678

343.1744,
285.7512, 389.8423


 28.8497, 17.2786,
32.4207


 76.6171, 54.2532,
86.5623

 19.1109, 10.4333,
21.4155


 99.9409, 73.3390,
113.0468

 11.8549, 5.6872,
13.2339


 127.5745, 96.4459,
144.4474

 6.7165, 2.6558,
7.4572

 159.8830,
123.9584, 181.1828

 3.3302, 0.9548,
3.6669

197.2319,
156.2607, 223.6714

 1.3307, 0.0000,
1.4444

239.9866,

 0.2060, 0.0000,

193.7374, 272.3318

0.1760

288.5123,
236.7727, 327.5826

■ 0.0000, 0.0000,
0.0000

■ 41.4368, 26.6074,
46.6678

■ 41.4368, 26.6074,
46.6678

■ 39.0542, 22.9019,
42.6055

■ 44.4047, 31.4310,
51.0846

■ 37.2069, 20.2168,
38.8781

■ 47.9972, 37.4521,
55.8703

■ 35.8410, 18.4441,
35.4656

■ 52.2530, 44.7470,
61.0403

■ 34.8881, 17.4483,
32.3430

■ 57.2071, 53.3848,
66.6081

■ 34.5715, 17.1687,
31.1470

■ 62.8918, 63.4296,
72.5867

■ 69.3374, 74.9411,
78.9880

■ 76.5723, 87.9759,
85.8235

■ 79.5099, 92.3600,
91.3997

■ 80.4773, 92.7470,
96.4939

Harmonies

Analogous

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



35.5770, 26.6074, 74.9538



41.4368, 26.6074, 46.6678



42.5516, 26.6074, 22.9683

Triad

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



41.4368, 26.6074, 46.6678



23.0961, 26.6074, 4.2287



15.5790, 26.6074, 63.8308

Complementary

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



41.4368, 26.6074, 46.6678



34.1302, 54.3239, 30.8795

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.



13.4702, 26.6074, 35.9376



41.4368, 26.6074, 46.6678



17.2051, 26.6074, 7.1476

Square

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



41.4368, 26.6074, 46.6678



30.8851, 26.6074, 4.8918



13.9994, 26.6074, 16.4312



20.4142, 26.6074, 87.8259

Rectangle

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



41.4368, 26.6074, 46.6678



40.2741, 26.6074, 13.1274



13.9994, 26.6074, 16.4312



14.5765, 26.6074, 54.1641

Sweetspot

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



41.4376, 26.6087, 46.6683



80.7009, 74.5741, 94.0289



26.4490, 18.3834, 68.4844



16.9544, 15.4036, 19.7745



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.



41.4376, 26.6087, 46.6683



55.2232, 31.9444, 59.8691



36.5119, 24.6384, 20.7299



13.4374, 13.2041, 15.5647



20.7616, 10.3057, 18.9227



1.3826, 0.6827, 1.4239

Inverse Universe

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



41.4376, 26.6087, 46.6683



55.2232, 31.9444, 59.8691



39.5891, 56.5075, 59.6253



13.4374, 13.2041, 15.5647



20.7616, 10.3057, 18.9227



1.3826, 0.6827, 1.4239

Previews

White Background



This preview shows how the XYZ color 41.4368, 26.6074, 46.6678 looks on a white background.

Color Contrast Check

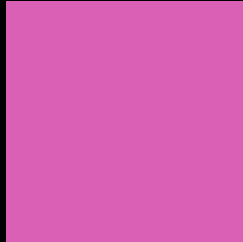
Large Text (above 18pt) WCAG AA ✓ Pass

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 41.4368, 26.6074, 46.6678 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 41.4368, 26.6074, 46.6678

Background



This preview shows how black text looks on a background with the XYZ color 41.4368, 26.6074, 46.6678.



This preview shows how white text looks on a background with the XYZ color 41.4368, 26.6074,

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

41.4368, 26.6074, 46.6678

Protanopia

28.4404, 26.9651, 67.3241

Deuteranopia

27.3759, 26.7219, 43.7594



Tritanopia

36.1656, 26.6978, 20.6998

Trichromacy



Original Color

41.4368, 26.6074, 46.6678



Protanomaly

30.6925, 25.1056, 59.1053



Deuteranomaly

31.1672, 25.6651, 44.9061



Tritanomaly

37.7681, 26.5572, 28.7266

Monochromacy



Original Color

41.4368, 26.6074, 46.6678



Achromatopsia

25.7108, 27.0498, 29.4572



Achromatomaly

29.9119, 25.6136, 34.8199

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.4368, 26.6074, 46.6678 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(218, 96, 181)` looks like.

```
.text, #text, p{  
    color:rgb(218, 96, 181)  
}
```

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(218, 96, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 96, 181) }
```

Border

The CSS property to change the border of an element to XYZ 41.4368, 26.6074, 46.6678 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(218, 96, 181) }
```


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

```
.border{ border-color:rgb(218, 96, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 96, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 96, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 96, 181);  
box-shadow:4px 4px 4px 4px rgb(218, 96,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 41.4368, 26.6074, 46.6678 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 96, 181) }
```

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

```
.background{ background-color: rgb(218, 96,  
181) }
```

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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