

Converting Colors

$Y_{xy}(46.0200, 0.3269, 0.2550)$

Have a look what the booklet for
Yxy(46.0200, 0.3269, 0.2550)
contains.

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Color

Yxy(46.1011, 0.3270, 0.2549)

Conversions

Conversions Part 1

Format	Color
Hex	EB9ADF
RGB	235, 154, 223
RGB Percent	92%, 60%, 87%
CMY	0.0784, 0.3961, 0.1254
CMYK	0.00, 0.34, 0.05, 0.08
HSL	309°, 67%, 76%
HSV	309°, 34%, 92%
XYZ	59.1411, 46.1011, 75.6174
YIQ	186.0850, 26.1270, 38.6310

Conversions

Conversions Part 2

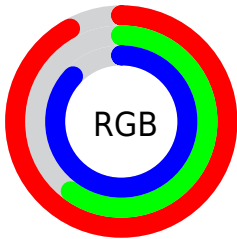
Format	Color
R _Y B	235, 154, 223
Decimal	15440607
CIE _{Lab}	73.61, 40.61, -22.61
CIE _{LCh}	74, 46.478, 330.890
Yxy	46.1011, 0.3270, 0.2549
Android (android.graphics.Color)	4293630687 (0xFFEB9ADF)
YUV	186.0850, 18.1991, 42.8985
Hunter-Lab	67.8978, 36.6579, -18.5025

Details

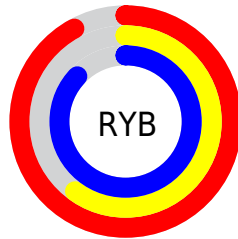
The Yxy color **46.1011, 0.3270, 0.2549** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **69.0428, 0.3012, 0.4166**, and the grayscale version is **49.0398, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.5732, 0.3148, 0.2851**, and **21.5995, 0.3294, 0.2365** is the 20% darker color. If you saturate the color by 10%, you get **38.9051, 0.3322, 0.2342**, and if you desaturate by 10%, it is **54.8236, 0.3222, 0.2766**.

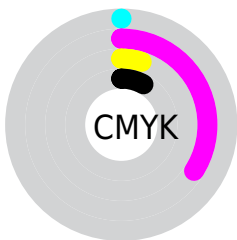
Distribution



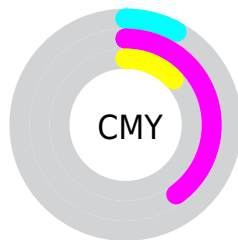
- Red (92%)
- Green (60%)
- Blue (87%)



- Red (92%)
- Yellow (60%)
- Blue (87%)



- Cyan (0%)
- Magenta (34%)
- Yellow (5%)
- Black (8%)





- Cyan (8%)
- Magenta (40%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 46.1011, 0.3270, 0.2549 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 Yxy color 46.1011, 0.3270, 0.2549 by changing the saturation by 10% instead.


 46.1011, 0.3270,
0.2549


 46.1011, 0.3270,
0.2549


371.2150, 0.3209,
0.2896

 32.3256, 0.3283,
0.2469


 84.3703, 0.3250,
0.2670

 21.6103, 0.3297,
0.2371


 109.6328, 0.3242,
0.2717

 13.5709, 0.3315,
0.2246


139.4930, 0.3234,
0.2757

 7.8228, 0.3335,
0.2082

174.3355, 0.3228,
0.2792

 3.9818, 0.3357,
0.1862

214.5445, 0.3222,
0.2823

 1.6634, 0.3376,
0.1551

260.5045, 0.3217,

 0.3998, 0.3437,

0.2850

0.0922

312.5998, 0.3213,
0.2874

0.0000, 0.2824,
0.0000

0.0000, 0.0000,
0.0000

46.1011, 0.3270,
0.2549

46.1011, 0.3270,
0.2549

38.9051, 0.3322,
0.2342

54.8236, 0.3222,
0.2766

33.1403, 0.3377,
0.2155

65.1480, 0.3180,
0.2984

28.7105, 0.3435,
0.1998

77.1526, 0.3142,
0.3197

25.5050, 0.3492,
0.1879

90.9083, 0.3110,
0.3402

■ 23.3954, 0.3548,
0.1804

■ 95.4986, 0.3087,
0.3436

■ 22.2247, 0.3601,
0.1775

■ 95.7075, 0.3067,
0.3400

■ 21.8465, 0.3629,
0.1773

■ 95.9203, 0.3048,
0.3366

■ 96.1372, 0.3029,
0.3331

■ 96.3581, 0.3009,
0.3297

Harmonies

Analogous

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



46.1011, 0.2642, 0.2322



46.1011, 0.3270, 0.2549



46.1011, 0.3919, 0.2932

Triad

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



46.1011, 0.3270, 0.2549



46.1011, 0.4079, 0.4315



46.1011, 0.2039, 0.2976

Complementary

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



46.1011, 0.3270, 0.2549



69.0428, 0.3012, 0.4166

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.



46.1011, 0.2352, 0.3635



46.1011, 0.3270, 0.2549



46.1011, 0.3521, 0.4485

Square

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



46.1011, 0.3270, 0.2549



46.1011, 0.4398, 0.3901



46.1011, 0.2888, 0.4240



46.1011, 0.1990, 0.2509

Rectangle

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



46.1011, 0.3270, 0.2549



46.1011, 0.4244, 0.3243



46.1011, 0.2888, 0.4240



46.1011, 0.2115, 0.3182

Sweetspot

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



46.1032, 0.3270, 0.2549



84.5554, 0.3163, 0.3079



37.0864, 0.2584, 0.2280



17.6698, 0.3168, 0.3049



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



46.1032, 0.3270, 0.2549



49.4810, 0.3304, 0.2409



44.2217, 0.3641, 0.2958



15.2733, 0.3160, 0.3092



12.1726, 0.3621, 0.1768



0.9663, 0.3555, 0.1732

Inverse Universe

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



46.1032, 0.3270, 0.2549



49.4810, 0.3304, 0.2409



70.7132, 0.2795, 0.3653



15.2733, 0.3160, 0.3092



12.1726, 0.3621, 0.1768



0.9663, 0.3555, 0.1732

Previews

White Background



This preview shows how the Yxy color 46.1011, 0.3270, 0.2549 looks on a white background.

Color Contrast Check

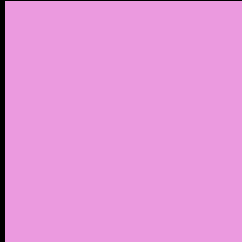
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 46.1011, 0.3270, 0.2549 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

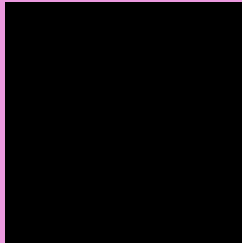
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 46.1011, 0.3270, 0.2549

Background



This preview shows how black text looks on a background with the Yxy color 46.1011, 0.3270, 0.2549.

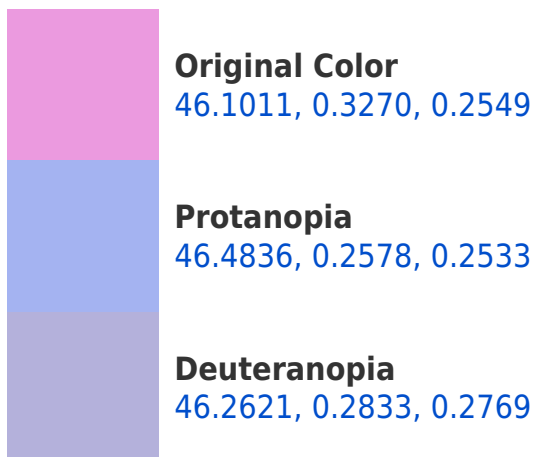


This preview shows how white text looks on a background with the Yxy color 46.1011, 0.3270, 0.2549.

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

45.9870, 0.3638, 0.3142

Trichromacy



Original Color

46.1011, 0.3270, 0.2549



Protanomaly

45.6371, 0.2802, 0.2534



Deuteranomaly

45.8226, 0.2985, 0.2686



Tritanomaly

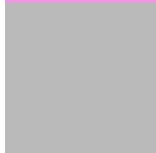
45.9808, 0.3501, 0.2918

Monochromacy



Original Color

46.1011, 0.3270, 0.2549



Achromatopsia

49.1021, 0.3127, 0.3290



Achromatomaly

47.2330, 0.3185, 0.2988

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.1011, 0.3270, 0.2549 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, 154, 223)` looks like.

```
.text, #text, p{  
    color:rgb(235, 154, 223)  
}
```

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, 154, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 154, 223) }
```

Border

The CSS property to change the border of an element to Yxy 46.1011, 0.3270, 0.2549 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, 154, 223) }
```

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

```
.border{ border-color:rgb(235, 154, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 154, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 154, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 154, 223);  
box-shadow:4px 4px 4px 4px rgb(235, 154,  
223) }
```


Background

The CSS property to change the background color of an element to Yxy 46.1011, 0.3270, 0.2549 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 154, 223) }
```

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

```
.background{ background-color: rgb(235,  
154, 223) }
```

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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