

Converting Colors

$Yxy(46.1861, 0.3162, 0.2546)$

Have a look what the booklet for
Yxy(46.1861, 0.3162, 0.2546)
contains.

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Color

Yxy(46.1135, 0.3162, 0.2544)

Conversions

Conversions Part 1

Format	Color
Hex	E29EE2
RGB	226, 158, 226
RGB Percent	89%, 62%, 89%
CMY	0.1138, 0.3803, 0.1137
CMYK	0.00, 0.30, 0.00, 0.11
HSL	300°, 54%, 75%
HSV	300°, 30%, 89%
XYZ	57.3156, 46.1135, 77.8347
YIQ	186.0840, 18.7000, 35.5640

Conversions

Conversions Part 2

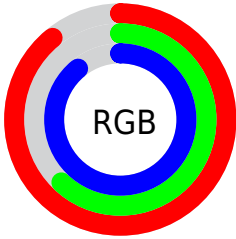
Format	Color
R _Y B	226, 158, 226
Decimal	14851810
CIE Lab	73.62, 36.13, -24.31
CIE LCh	74, 43.552, 326.067
Yxy	46.1135, 0.3162, 0.2544
Android (android.graphics.Color)	4293041890 (0xFFE29EE2)
YUV	186.0840, 19.6786, 35.0063
Hunter-Lab	67.9069, 31.8226, -20.4231

Details

The Yxy color **46.1135, 0.3162, 0.2544** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **64.1367, 0.3086, 0.4169**, and the grayscale version is **49.0334, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.0685, 0.3146, 0.2881**, and **21.5895, 0.3159, 0.2353** is the 20% darker color. If you saturate the color by 10%, you get **39.0998, 0.3173, 0.2306**, and if you desaturate by 10%, it is **54.5490, 0.3150, 0.2793**.

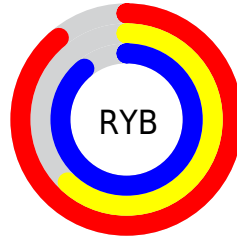
Distribution



Red (89%)

Green (62%)

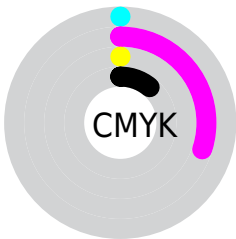
Blue (89%)



Red (89%)

Yellow (62%)

Blue (89%)

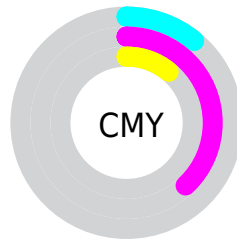


Cyan (0%)

Magenta (30%)

Yellow (0%)

Black (11%)



Cyan (11%)


Magenta (38%)


Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 46.1135, 0.3162, 0.2544 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 46.1135, 0.3162, 0.2544 by changing the saturation by 10% instead.


 46.1135, 0.3162,
0.2544

 46.1135, 0.3162,
0.2544

371.2648, 0.3154,
0.2894

 32.3354, 0.3162,
0.2464


 84.3888, 0.3161,
0.2666

 21.6178, 0.3160,
0.2364


 109.6549, 0.3160,
0.2713

 13.5763, 0.3156,
0.2238


139.5190, 0.3159,
0.2754

 7.8266, 0.3147,
0.2073

174.3656, 0.3158,
0.2789

 3.9842, 0.3128,
0.1850

214.5791, 0.3157,
0.2820

 1.6647, 0.3084,
0.1536

260.5438, 0.3156,

 0.4007, 0.3030,

0.2847

0.0908

312.6443, 0.3155,
0.2872

0.0000, 0.1846,
0.0000

0.0000, 0.0000,
0.0000

46.1135, 0.3162,
0.2544

46.1135, 0.3162,
0.2544

39.0998, 0.3173,
0.2306

54.5490, 0.3150,
0.2793

33.4240, 0.3183,
0.2088

64.4721, 0.3139,
0.3043

29.0028, 0.3192,
0.1899

75.9518, 0.3127,
0.3288

25.7412, 0.3199,
0.1747

89.0511, 0.3116,
0.3522

■ 23.5306, 0.3204,
0.1638

■ 93.1828, 0.3113,
0.3588

■ 22.2418, 0.3207,
0.1572

■ 93.1838, 0.3113,
0.3588

■ 21.6513, 0.3209,
0.1541

■ 93.1848, 0.3113,
0.3588

■ 93.1857, 0.3113,
0.3588

■ 93.1867, 0.3113,
0.3588

Harmonies

Analogous

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



46.1135, 0.2591, 0.2357



46.1135, 0.3162, 0.2544



46.1135, 0.3780, 0.2889

Triad

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



46.1135, 0.3162, 0.2544



46.1135, 0.4092, 0.4207



46.1135, 0.2132, 0.3091

Complementary

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



46.1135, 0.3162, 0.2544



64.1367, 0.3086, 0.4169

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.



46.1135, 0.2469, 0.3716



46.1135, 0.3162, 0.2544



46.1135, 0.3596, 0.4406

Square

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



46.1135, 0.3162, 0.2544



46.1135, 0.4338, 0.3801



46.1135, 0.3000, 0.4238



46.1135, 0.2043, 0.2613

Rectangle

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



46.1135, 0.3162, 0.2544



46.1135, 0.4111, 0.3177



46.1135, 0.3000, 0.4238



46.1135, 0.2218, 0.3292

Sweetspot

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



46.1155, 0.3162, 0.2544



86.2202, 0.3138, 0.3069



37.6075, 0.2598, 0.2427



18.0121, 0.3139, 0.3032



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.



46.1155, 0.3162, 0.2544



54.7409, 0.3169, 0.2396



44.4837, 0.3456, 0.2888



13.9355, 0.3138, 0.3059



12.3515, 0.3209, 0.1541



0.8562, 0.3209, 0.1541

Inverse Universe

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



43.0968, 0.3801, 0.3292



50.1779, 0.4003, 0.3292



65.4220, 0.2892, 0.3732



13.7006, 0.3292, 0.3290



9.2244, 0.6400, 0.3300



0.6394, 0.6400, 0.3299

Previews

White Background



This preview shows how the Yxy color 46.1135, 0.3162, 0.2544 looks on a white background.

Color Contrast Check

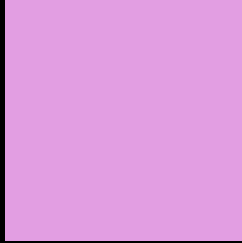
Large Text (above 18pt) WCAG AA × Fail

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 46.1135, 0.3162, 0.2544 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

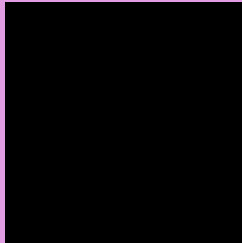
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 46.1135, 0.3162, 0.2544

Background



This preview shows how black text looks on a background with the Yxy color 46.1135, 0.3162, 0.2544.

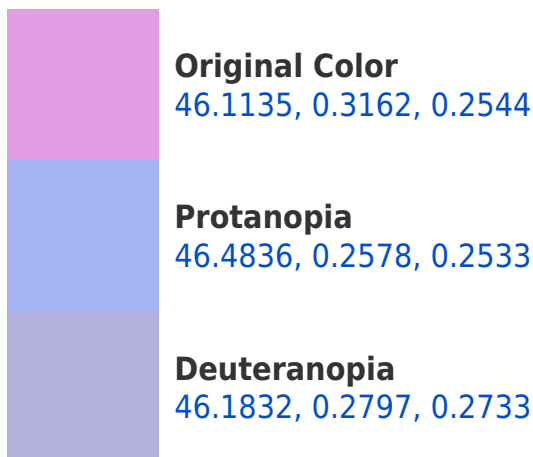


This preview shows how white text looks on a background with the Yxy color 46.1135, 0.3162, 0.2544.

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

46.1484, 0.3506, 0.3137

Trichromacy



Original Color

46.1135, 0.3162, 0.2544



Protanomaly

45.7467, 0.2766, 0.2521



Deuteranomaly

45.6793, 0.2921, 0.2658



Tritanomaly

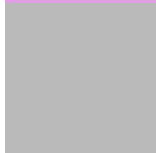
46.1117, 0.3374, 0.2909

Monochromacy



Original Color

46.1135, 0.3162, 0.2544



Achromatopsia

49.1021, 0.3127, 0.3290



Achromatomaly

47.6852, 0.3141, 0.2987

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.1135, 0.3162, 0.2544 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(226, 158, 226)` looks like.

```
.text, #text, p{  
    color:rgb(226, 158, 226)  
}
```

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(226, 158, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 158, 226) }
```

Border

The CSS property to change the border of an element to Yxy 46.1135, 0.3162, 0.2544 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(226, 158, 226) }
```

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

```
.border{ border-color:rgb(226, 158, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 158, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 158, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 158, 226);  
box-shadow:4px 4px 4px 4px rgb(226, 158,  
226) }
```


Background

The CSS property to change the background color of an element to Yxy 46.1135, 0.3162, 0.2544 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 158, 226) }
```

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

```
.background{ background-color: rgb(226,  
158, 226) }
```

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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