

Converting Colors

$Yxy(46.6591, 0.3465, 0.3136)$

Have a look what the booklet for
Yxy(46.6591, 0.3465, 0.3136)
contains.

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Color

Yxy(46.6588, 0.3465, 0.3137)

Conversions

Conversions Part 1

Format	Color
Hex	DAA9B6
RGB	218, 169, 182
RGB Percent	85%, 66%, 71%
CMY	0.1452, 0.3372, 0.2863
CMYK	0.00, 0.22, 0.17, 0.15
HSL	344°, 40%, 76%
HSV	344°, 22%, 85%
XYZ	51.5374, 46.6588, 50.5408
YIQ	185.1330, 25.0310, 14.4310

Conversions

Conversions Part 2

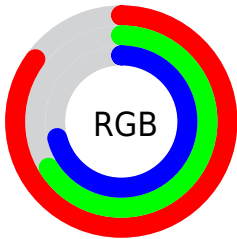
Format	Color
RYB	218, 169, 182
Decimal	14330294
CIELab	73.97, 19.92, 0.27
CIELCh	74, 19.918, 0.770
Yxy	46.6588, 0.3465, 0.3137
Android (android.graphics.Color)	4292520374 (0xFFDAA9B6)
YUV	185.1330, -1.5446, 28.8244
Hunter-Lab	68.3072, 15.1394, 3.9461

Details

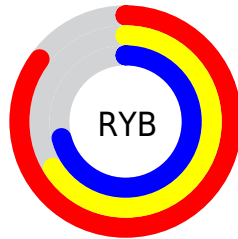
The Yxy color **46.6588, 0.3465, 0.3137** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **62.9720, 0.2873, 0.3449**, and the grayscale version is **48.5919, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.7444, 0.3253, 0.3152**, and **21.9889, 0.3558, 0.3102** is the 20% darker color. If you saturate the color by 10%, you get **38.5895, 0.3673, 0.3065**, and if you desaturate by 10%, it is **56.1600, 0.3295, 0.3208**.

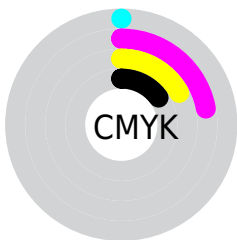
Distribution



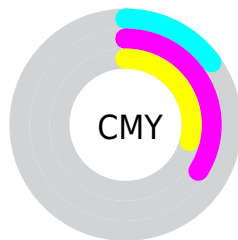
- Red (85%)
- Green (66%)
- Blue (71%)



- Red (85%)
- Yellow (66%)
- Blue (71%)



- Cyan (0%)
- Magenta (22%)
- Yellow (17%)
- Black (15%)





- Cyan (15%)
- Magenta (34%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 46.6588, 0.3465, 0.3137 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 46.6588, 0.3465, 0.3137 by changing the saturation by 10% instead.

 46.6588, 0.3465,
0.3137

 46.6588, 0.3465,
0.3137


373.4509, 0.3296,
0.3214

 32.7660, 0.3507,
0.3118


 85.2041, 0.3404,
0.3165

 21.9473, 0.3562,
0.3093


 110.6254, 0.3380,
0.3175

 13.8181, 0.3634,
0.3060


140.6583, 0.3361,
0.3184

 7.9943, 0.3735,
0.3014

175.6872, 0.3344,
0.3192

 4.0913, 0.3886,
0.2945

216.0965, 0.3330,
0.3198

 1.7248, 0.4136,
0.2830

262.2707, 0.3317,

 0.4396, 0.5017,

0.3204

0.2435

314.5940, 0.3306,
0.3209

0.0000, 0.0000,
0.0000

46.6588, 0.3465,
0.3137

46.6588, 0.3465,
0.3137

38.5895, 0.3673,
0.3065

56.1600, 0.3295,
0.3208

31.8763, 0.3926,
0.2994

67.1516, 0.3157,
0.3274

26.4460, 0.4226,
0.2932

79.6964, 0.3045,
0.3336

22.2158, 0.4572,
0.2888

93.0791, 0.2953,
0.3381

19.0932, 0.4950,
0.2871

93.6408, 0.2906,
0.3289

■ 16.9720, 0.5333,
0.2893

■ 15.7249, 0.5683,
0.2959

■ 15.2039, 0.5908,
0.3028

Harmonies

Analogous

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



46.6588, 0.3197, 0.2949



46.6588, 0.3465, 0.3137



46.6588, 0.3643, 0.3367

Triad

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



46.6588, 0.3465, 0.3137



46.6588, 0.3319, 0.3782



46.6588, 0.2607, 0.2960

Complementary

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



46.6588, 0.3465, 0.3137



62.9720, 0.2873, 0.3449

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.



46.6588, 0.2637, 0.3177



46.6588, 0.3465, 0.3137



46.6588, 0.3040, 0.3670

Square

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



46.6588, 0.3465, 0.3137



46.6588, 0.3553, 0.3746



46.6588, 0.2792, 0.3441



46.6588, 0.2708, 0.2843

Rectangle

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



46.6588, 0.3465, 0.3137



46.6588, 0.3682, 0.3520



46.6588, 0.2792, 0.3441



46.6588, 0.2602, 0.3023

Sweetspot

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



46.6609, 0.3465, 0.3137



88.3189, 0.3217, 0.3244



46.4107, 0.3042, 0.2715



18.6993, 0.3225, 0.3240



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.



46.6609, 0.3465, 0.3137



60.8197, 0.3559, 0.3102



50.5869, 0.3555, 0.3427



13.1079, 0.3250, 0.3228



9.1268, 0.5871, 0.3008



0.6055, 0.5401, 0.2749

Inverse Universe

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



46.6609, 0.3465, 0.3137



60.8197, 0.3559, 0.3102



57.9045, 0.2785, 0.3149



13.1079, 0.3250, 0.3228



9.1268, 0.5871, 0.3008



0.6055, 0.5401, 0.2749

Previews

White Background



This preview shows how the Yxy color 46.6588, 0.3465, 0.3137 looks on a white background.

Color Contrast Check

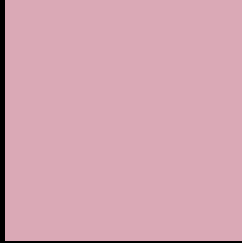
Large Text (above 18pt) WCAG AA × Fail

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 46.6588, 0.3465, 0.3137 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

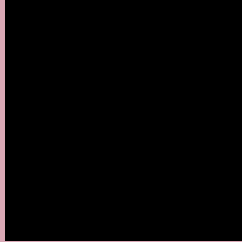
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 46.6588, 0.3465, 0.3137

Background



This preview shows how black text looks on a background with the Yxy color 46.6588, 0.3465, 0.3137.



This preview shows how white text looks on a background with the Yxy color 46.6588, 0.3465, 0.3137.

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

46.6588, 0.3465, 0.3137

Protanopia

46.7891, 0.3081, 0.3187

Deuteranopia

46.6662, 0.3299, 0.3228



Tritanopia

46.6588, 0.3465, 0.3137

Trichromacy



Original Color

46.6588, 0.3465, 0.3137

Protanomaly

46.7252, 0.3220, 0.3177

Deuteranomaly

46.4887, 0.3366, 0.3193

Tritanomaly

46.6588, 0.3465, 0.3137

Monochromacy



Original Color

46.6588, 0.3465, 0.3137

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

47.5712, 0.3243, 0.3228

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.6588, 0.3465, 0.3137 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, 169, 182)` looks like.

```
.text, #text, p{  
    color:rgb(218, 169, 182)  
}
```

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, 169, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 169, 182) }
```

Border

The CSS property to change the border of an element to Yxy 46.6588, 0.3465, 0.3137 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, 169, 182) }
```

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

```
.border{ border-color:rgb(218, 169, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 169, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 169, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 169, 182);  
box-shadow:4px 4px 4px 4px rgb(218, 169,  
182) }
```


Background

The CSS property to change the background color of an element to Yxy 46.6588, 0.3465, 0.3137 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 169, 182) }
```

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

```
.background{ background-color: rgb(218,  
169, 182) }
```

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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