

Converting Colors

$Y_{xy}(45.1911, 0.3506, 0.3137)$

Have a look what the booklet for
Yxy(45.1911, 0.3506, 0.3137)
contains.

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Color

Yxy(45.0300, 0.3510, 0.3136)

Conversions

Conversions Part 1

Format	Color
Hex	DAA5B2
RGB	218, 165, 178
RGB Percent	85%, 65%, 70%
CMY	0.1452, 0.3529, 0.3019
CMYK	0.00, 0.24, 0.18, 0.15
HSL	345°, 42%, 75%
HSV	345°, 24%, 85%
XYZ	50.4003, 45.0300, 48.1603
YIQ	182.3290, 27.4150, 15.2790

Conversions

Conversions Part 2

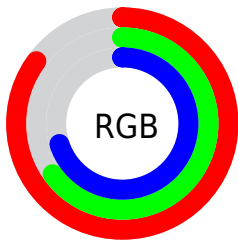
Format	Color
RYB	218, 165, 178
Decimal	14329266
CIELab	72.91, 21.46, 0.91
CIELCh	73, 21.481, 2.433
Yxy	45.0300, 0.3510, 0.3136
Android (android.graphics.Color)	4292519346 (0xFFDAA5B2)
YUV	182.3290, -2.1342, 31.2835
Hunter-Lab	67.1044, 16.6338, 4.4211

Details

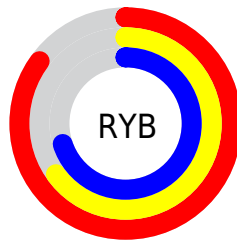
The Yxy color **45.0300, 0.3510, 0.3136** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **62.5391, 0.2847, 0.3451**, and the grayscale version is **46.9692, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.3869, 0.3284, 0.3151**, and **20.9723, 0.3623, 0.3101** is the 20% darker color. If you saturate the color by 10%, you get **37.2050, 0.3732, 0.3069**, and if you desaturate by 10%, it is **54.2785, 0.3329, 0.3202**.

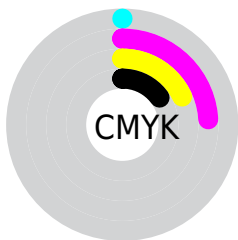
Distribution



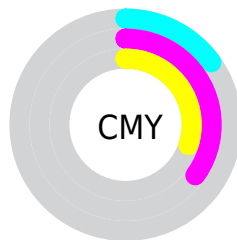
- Red (85%)
- Green (65%)
- Blue (70%)



- Red (85%)
- Yellow (65%)
- Blue (70%)



- Cyan (0%)
- Magenta (24%)
- Yellow (18%)
- Black (15%)




- Cyan (15%)
- Magenta (35%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.0300, 0.3510, 0.3136 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 45.0300, 0.3510, 0.3136 by changing the saturation by 10% instead.

 45.0300, 0.3510,
0.3136

 45.0300, 0.3510,
0.3136


366.8950, 0.3317,
0.3214

 31.4811, 0.3559,
0.3116


 82.7654, 0.3440,
0.3165

 20.9654, 0.3621,
0.3091


 107.7207, 0.3413,
0.3175

 13.0987, 0.3705,
0.3056

137.2469, 0.3391,
0.3184

 7.4966, 0.3823,
0.3007

171.7283, 0.3372,
0.3192

 3.7745, 0.4001,
0.2933

211.5495, 0.3356,
0.3199

 1.5483, 0.4299,
0.2808

257.0947, 0.3341,

 0.3223, 0.5767,

0.3204

0.2239

308.7485, 0.3328,
0.3210

0.0000, 0.0000,
0.0000

45.0300, 0.3510,
0.3136

45.0300, 0.3510,
0.3136

37.2050, 0.3732,
0.3069

54.2785, 0.3329,
0.3202

30.7265, 0.4001,
0.3005

65.0100, 0.3182,
0.3264

25.5198, 0.4320,
0.2950

77.2883, 0.3062,
0.3323

21.5003, 0.4684,
0.2914

91.1715, 0.2965,
0.3376

18.5731, 0.5075,
0.2907

93.6421, 0.2906,
0.3289

■ 16.6283, 0.5463,
0.2939

■ 15.5330, 0.5805,
0.3012

■ 15.1637, 0.5969,
0.3062

Harmonies

Analogous

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



45.0300, 0.3220, 0.2929



45.0300, 0.3510, 0.3136



45.0300, 0.3697, 0.3386

Triad

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



45.0300, 0.3510, 0.3136



45.0300, 0.3318, 0.3826



45.0300, 0.2564, 0.2919

Complementary

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



45.0300, 0.3510, 0.3136



62.5391, 0.2847, 0.3451

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.



45.0300, 0.2588, 0.3150



45.0300, 0.3510, 0.3136



45.0300, 0.3014, 0.3695

Square

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



45.0300, 0.3510, 0.3136



45.0300, 0.3580, 0.3793



45.0300, 0.2750, 0.3439



45.0300, 0.2681, 0.2801

Rectangle

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



45.0300, 0.3510, 0.3136



45.0300, 0.3733, 0.3551



45.0300, 0.2750, 0.3439



45.0300, 0.2556, 0.2985

Sweetspot

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



45.0321, 0.3510, 0.3136



88.2979, 0.3219, 0.3248



44.9178, 0.3041, 0.2667



18.6944, 0.3228, 0.3244



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.



45.0321, 0.3510, 0.3136



58.4608, 0.3615, 0.3103



49.5614, 0.3596, 0.3449



13.1037, 0.3253, 0.3233



9.1011, 0.5933, 0.3042



0.6033, 0.5467, 0.2785

Inverse Universe

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



45.0321, 0.3510, 0.3136



58.4608, 0.3615, 0.3103



56.5985, 0.2757, 0.3124



13.1037, 0.3253, 0.3233



9.1011, 0.5933, 0.3042



0.6033, 0.5467, 0.2785

Previews

White Background



This preview shows how the Yxy color 45.0300, 0.3510, 0.3136 looks on a white background.

Color Contrast Check

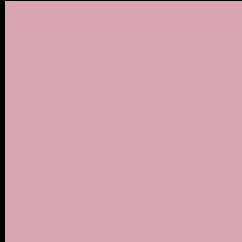
Large Text (above 18pt) WCAG AA × Fail

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 45.0300, 0.3510, 0.3136 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

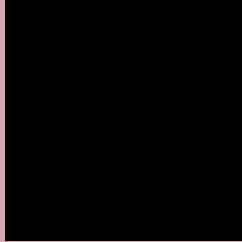
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 45.0300, 0.3510, 0.3136

Background



This preview shows how black text looks on a background with the Yxy color 45.0300, 0.3510, 0.3136.



This preview shows how white text looks on a background with the Yxy color 45.0300, 0.3510, 0.3136.

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

45.0300, 0.3510, 0.3136

Protanopia

45.2097, 0.3089, 0.3186

Deuteranopia

44.8920, 0.3319, 0.3253



Tritanopia

45.0300, 0.3510, 0.3136

Trichromacy



Original Color

45.0300, 0.3510, 0.3136

Protanomaly

44.7754, 0.3231, 0.3163

Deuteranomaly

44.9029, 0.3388, 0.3204

Tritanomaly

45.0300, 0.3510, 0.3136

Monochromacy



Original Color

45.0300, 0.3510, 0.3136

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

45.9890, 0.3254, 0.3227

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.0300, 0.3510, 0.3136 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, 165, 178)` looks like.

```
.text, #text, p{  
    color:rgb(218, 165, 178)  
}
```

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, 165, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 165, 178) }
```

Border

The CSS property to change the border of an element to Yxy 45.0300, 0.3510, 0.3136 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, 165, 178) }
```

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

```
.border{ border-color:rgb(218, 165, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 165, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 165, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 165, 178);  
box-shadow:4px 4px 4px 4px rgb(218, 165,  
178) }
```


Background

The CSS property to change the background color of an element to Yxy 45.0300, 0.3510, 0.3136 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 165, 178) }
```

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

```
.background{ background-color: rgb(218,  
165, 178) }
```

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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