

Converting Colors

$Y_{xy}(49.4765, 0.3382, 0.3138)$

Have a look what the booklet for
Yxy(49.4765, 0.3382, 0.3138)
contains.

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Color

Yxy(49.4765, 0.3382, 0.3138)

Conversions

Conversions Part 1

Format	Color
Hex	D9B0BD
RGB	217, 176, 189
RGB Percent	85%, 69%, 74%
CMY	0.1490, 0.3098, 0.2589
CMYK	0.00, 0.19, 0.13, 0.15
HSL	341°, 35%, 77%
HSV	341°, 19%, 85%
XYZ	53.3236, 49.4765, 54.8688
YIQ	189.7410, 20.2630, 12.7350

Conversions

Conversions Part 2

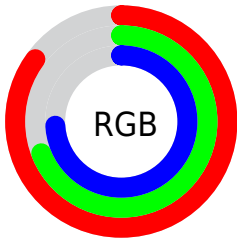
Format	Color
R _Y B	217, 176, 189
Decimal	14266557
CIE Lab	75.75, 16.92, -0.97
CIE LCh	76, 16.947, 356.718
Yxy	49.4765, 0.3382, 0.3138
Android (android.graphics.Color)	4292456637 (0xFFD9B0BD)
YUV	189.7410, -0.3653, 23.9061
Hunter-Lab	70.3395, 12.2247, 2.9882

Details

The Yxy color $49.4765, 0.3382, 0.3138$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $63.2184, 0.2924, 0.3448$, and the grayscale version is $51.3297, 0.3127, 0.3290$.

A 20% lighter version of the original color is $85.5658, 0.3201, 0.3163$, and $23.6249, 0.3454, 0.3088$ is the 20% darker color. If you saturate the color by 10%, you get $41.0263, 0.3562, 0.3052$, and if you desaturate by 10%, it is $59.3573, 0.3235, 0.3221$.

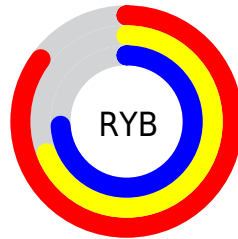
Distribution



Red (85%)

Green (69%)

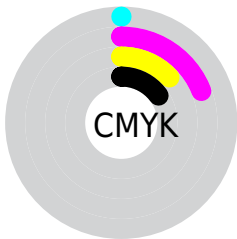
Blue (74%)



Red (85%)

Yellow (69%)

Blue (74%)

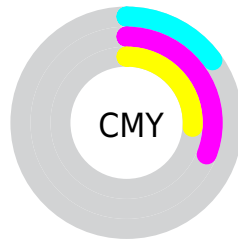


Cyan (0%)

Magenta (19%)

Yellow (13%)

Black (15%)



Cyan (15%)


Magenta (31%)


Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 49.4765, 0.3382, 0.3138 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 49.4765, 0.3382, 0.3138 by changing the saturation by 10% instead.


 49.4765, 0.3382,
0.3138

 49.4765, 0.3382,
0.3138


384.6152, 0.3256,
0.3213

 34.9976, 0.3413,
0.3120

 89.3988, 0.3337,
0.3165

 23.6610, 0.3453,
0.3096


115.6109, 0.3319,
0.3175

 15.0824, 0.3505,
0.3065


146.5030, 0.3305,
0.3184

 8.8772, 0.3578,
0.3023

182.4593, 0.3292,
0.3191

 4.6612, 0.3684,
0.2960

223.8643, 0.3281,
0.3198

 2.0499, 0.3857,
0.2860

271.1023, 0.3272,

 0.6362, 0.4245,

0.3203

0.2621

324.5578, 0.3264,
0.3209

0.0000, 0.0000,
0.0000

49.4765, 0.3382,
0.3138

49.4765, 0.3382,
0.3138

41.0263, 0.3562,
0.3052

59.3573, 0.3235,
0.3221

33.9335, 0.3780,
0.2967

70.7240, 0.3115,
0.3298

28.1286, 0.4040,
0.2887

83.6374, 0.3017,
0.3370

23.5331, 0.4343,
0.2823

93.0689, 0.2936,
0.3358

20.0599, 0.4682,
0.2784

93.4918, 0.2900,
0.3289

■ 17.6102, 0.5040,
0.2784

■ 16.0674, 0.5389,
0.2830

■ 15.2499, 0.5698,
0.2920

■ 15.1771, 0.5730,
0.2930

Harmonies

Analogous

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



49.4765, 0.3154, 0.2986



49.4765, 0.3382, 0.3138



49.4765, 0.3543, 0.3330

Triad

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



49.4765, 0.3382, 0.3138



49.4765, 0.3318, 0.3701



49.4765, 0.2687, 0.3036

Complementary

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



49.4765, 0.3382, 0.3138



63.2184, 0.2924, 0.3448

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.



49.4765, 0.2728, 0.3227



49.4765, 0.3382, 0.3138



49.4765, 0.3087, 0.3623

Square

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



49.4765, 0.3382, 0.3138



49.4765, 0.3503, 0.3659



49.4765, 0.2872, 0.3445



49.4765, 0.2758, 0.2924

Rectangle

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



49.4765, 0.3382, 0.3138



49.4765, 0.3587, 0.3460



49.4765, 0.2872, 0.3445



49.4765, 0.2688, 0.3093

Sweetspot

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



49.4787, 0.3382, 0.3138



89.9682, 0.3198, 0.3243



48.9038, 0.3041, 0.2808



19.0335, 0.3207, 0.3238



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.



49.4787, 0.3382, 0.3138



65.7992, 0.3455, 0.3101



51.9700, 0.3479, 0.3380



13.1191, 0.3242, 0.3216



9.2043, 0.5692, 0.2909



0.6117, 0.5227, 0.2653

Inverse Universe

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



49.4787, 0.3382, 0.3138



65.7992, 0.3455, 0.3101



60.0803, 0.2840, 0.3198



13.1191, 0.3242, 0.3216



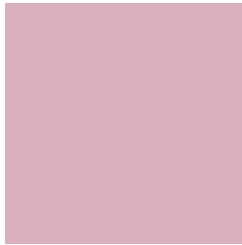
9.2043, 0.5692, 0.2909



0.6117, 0.5227, 0.2653

Previews

White Background



This preview shows how the Yxy color 49.4765, 0.3382, 0.3138 looks on a white background.

Color Contrast Check

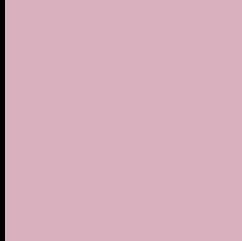
Large Text (above 18pt) WCAG AA × Fail

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 49.4765, 0.3382, 0.3138 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

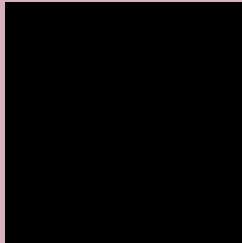
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 49.4765, 0.3382, 0.3138

Background



This preview shows how black text looks on a background with the Yxy color 49.4765, 0.3382, 0.3138.



This preview shows how white text looks on a background with the Yxy color 49.4765, 0.3382, 0.3138.

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

49.4765, 0.3382, 0.3138

Protanopia

49.7493, 0.3075, 0.3177

Deuteranopia

49.5160, 0.3269, 0.3205



Tritanopia

49.5201, 0.3373, 0.3126

Trichromacy



Original Color

49.4765, 0.3382, 0.3138

Protanomaly

49.4483, 0.3184, 0.3155

Deuteranomaly

49.4263, 0.3315, 0.3182

Tritanomaly

49.5201, 0.3373, 0.3126

Monochromacy



Original Color

49.4765, 0.3382, 0.3138

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

50.6950, 0.3214, 0.3229

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.4765, 0.3382, 0.3138 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(217, 176, 189)` looks like.

```
.text, #text, p{  
    color:rgb(217, 176, 189)  
}
```

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(217, 176, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 176, 189) }
```

Border

The CSS property to change the border of an element to Yxy 49.4765, 0.3382, 0.3138 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(217, 176, 189) }
```

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

```
.border{ border-color:rgb(217, 176, 189) }
```

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

Here you see how a box with a 4 pixel rgb(217, 176, 189) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 176, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 176, 189);  
box-shadow:4px 4px 4px 4px rgb(217, 176,  
189) }
```


Background

The CSS property to change the background color of an element to Yxy 49.4765, 0.3382, 0.3138 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 176, 189) }
```

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

```
.background{ background-color: rgb(217,  
176, 189) }
```

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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