

Converting Colors

$Y_{xy}(49.8200, 0.3468, 0.3299)$

Have a look what the booklet for
Yxy(49.8200, 0.3468, 0.3299)
contains.

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Color

Yxy(49.6541, 0.3465, 0.3291)

Conversions

Conversions Part 1

Format	Color
Hex	D8B2B2
RGB	216, 178, 178
RGB Percent	85%, 70%, 70%
CMY	0.1529, 0.3020, 0.3020
CMYK	0.00, 0.18, 0.18, 0.15
HSL	0°, 33%, 77%
HSV	0°, 18%, 85%
XYZ	52.2794, 49.6541, 48.9450
YIQ	189.3620, 22.6480, 8.0560

Conversions

Conversions Part 2

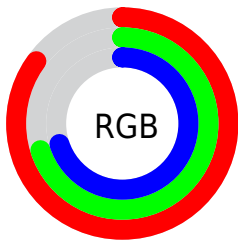
Format	Color
R _Y B	216, 178, 178
Decimal	14201522
CIE Lab	75.86, 13.74, 5.17
CIE LCh	76, 14.676, 20.610
Yxy	49.6541, 0.3465, 0.3291
Android (android.graphics.Color)	4292391602 (0xFFD8B2B2)
YUV	189.3620, -5.6015, 23.3615
Hunter-Lab	70.4657, 9.1165, 8.1435

Details

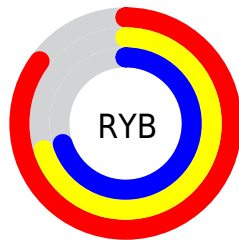
The Yxy color $49.6541, 0.3465, 0.3291$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $63.5450, 0.2863, 0.3289$, and the grayscale version is $51.1320, 0.3127, 0.3290$.

A 20% lighter version of the original color is $86.0462, 0.3270, 0.3290$, and $23.7250, 0.3570, 0.3291$ is the 20% darker color. If you saturate the color by 10%, you get $40.9264, 0.3725, 0.3292$, and if you desaturate by 10%, it is $59.8764, 0.3257, 0.3290$.

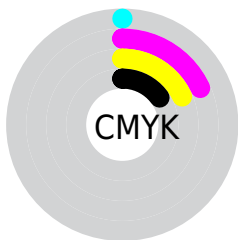
Distribution



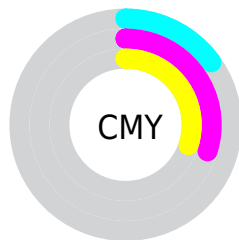
- Red (85%)
- Green (70%)
- Blue (70%)



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



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





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

Brightness & Saturation Gradients


These gradients show how the Yxy color 49.6541, 0.3465, 0.3291 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 49.6541, 0.3465, 0.3291 by changing the saturation by 10% instead.

 49.6541, 0.3465,
0.3291

 49.6541, 0.3465,
0.3291


385.3117, 0.3297,
0.3292

 35.1386, 0.3507,
0.3290


 89.6622, 0.3404,
0.3292

 23.7697, 0.3560,
0.3289


115.9236, 0.3381,
0.3292

 15.1629, 0.3631,
0.3286


146.8690, 0.3362,
0.3292

 8.9338, 0.3730,
0.3281

182.8830, 0.3345,
0.3292

 4.6980, 0.3876,
0.3272

224.3499, 0.3331,
0.3292

 2.0712, 0.4115,
0.3252

271.6540, 0.3318,

 0.6483, 0.4906,

0.3293

0.3326

325.1798, 0.3307,
0.3293

0.0000, 0.0000,
0.0000

49.6541, 0.3465,
0.3291

49.6541, 0.3465,
0.3291

40.9264, 0.3725,
0.3292

59.8764, 0.3257,
0.3290

33.6169, 0.4047,
0.3293

71.6515, 0.3091,
0.3290

27.6528, 0.4436,
0.3294

85.0428, 0.2958,
0.3289

22.9521, 0.4886,
0.3295

93.3423, 0.2894,
0.3289

19.4239, 0.5367,
0.3297

■ 16.9651, 0.5820,
0.3298

■ 15.4548, 0.6171,
0.3299

■ 14.7264, 0.6366,
0.3300

■ 14.6026, 0.6401,
0.3300

Harmonies

Analogous

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



49.6541, 0.3311, 0.3127



49.6541, 0.3465, 0.3291



49.6541, 0.3526, 0.3460

Triad

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



49.6541, 0.3465, 0.3291



49.6541, 0.3135, 0.3599



49.6541, 0.2787, 0.2986

Complementary

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



49.6541, 0.3465, 0.3291



63.5450, 0.2863, 0.3289

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.



49.6541, 0.2744, 0.3101



49.6541, 0.3465, 0.3291



49.6541, 0.2941, 0.3460

Square

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



49.6541, 0.3465, 0.3291



49.6541, 0.3331, 0.3645



49.6541, 0.2800, 0.3275



49.6541, 0.2919, 0.2954

Rectangle

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



49.6541, 0.3465, 0.3291



49.6541, 0.3504, 0.3554



49.6541, 0.2800, 0.3275



49.6541, 0.2762, 0.3016

Sweetspot

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



49.6563, 0.3465, 0.3291



91.3396, 0.3211, 0.3290



51.4001, 0.3148, 0.2856



19.3000, 0.3223, 0.3290



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.



49.6563, 0.3465, 0.3291



67.4835, 0.3552, 0.3291



57.7528, 0.3427, 0.3513



12.4210, 0.3291, 0.3291



8.6414, 0.6401, 0.3300



0.5213, 0.6401, 0.3300

Inverse Universe

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



63.5450, 0.2863, 0.3289



91.2175, 0.2813, 0.3289



54.3598, 0.2852, 0.3056



14.1077, 0.2983, 0.3290



31.9991, 0.2247, 0.3287



1.9301, 0.2247, 0.3287

Previews

White Background



This preview shows how the Yxy color 49.6541, 0.3465, 0.3291 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 49.6541, 0.3465, 0.3291 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

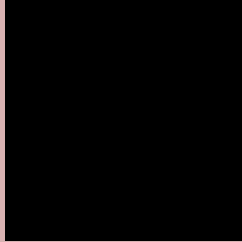
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 49.6541, 0.3465, 0.3291

Background



This preview shows how black text looks on a background with the Yxy color 49.6541, 0.3465, 0.3291.



This preview shows how white text looks on a background with the Yxy color 49.6541, 0.3465, 0.3291.

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

49.6541, 0.3465, 0.3291

Protanopia

49.7432, 0.3201, 0.3328

Deuteranopia

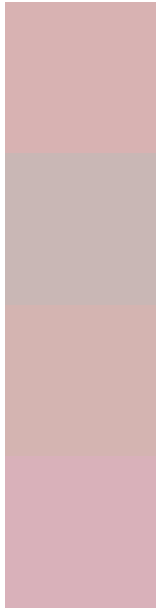
49.7774, 0.3405, 0.3339



Tritanopia

49.5201, 0.3373, 0.3126

Trichromacy



Original Color

49.6541, 0.3465, 0.3291

Protanomaly

49.6207, 0.3298, 0.3315

Deuteranomaly

49.8139, 0.3434, 0.3327

Tritanomaly

49.7412, 0.3406, 0.3185

Monochromacy



Original Color

49.6541, 0.3465, 0.3291

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

50.3428, 0.3246, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.6541, 0.3465, 0.3291 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(216, 178, 178)` looks like.

```
.text, #text, p{  
    color:rgb(216, 178, 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(216, 178, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 178, 178) }
```

Border

The CSS property to change the border of an element to Yxy 49.6541, 0.3465, 0.3291 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(216, 178, 178) }
```

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

```
.border{ border-color:rgb(216, 178, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 178, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 178, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 178, 178);  
box-shadow:4px 4px 4px 4px rgb(216, 178,  
178) }
```


Background

The CSS property to change the background color of an element to Yxy 49.6541, 0.3465, 0.3291 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 178, 178) }
```

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

```
.background{ background-color: rgb(216,  
178, 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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