

Converting Colors

$Yxy(50.1353, 0.3364, 0.3240)$

Have a look what the booklet for
Yxy(50.1353, 0.3364, 0.3240)
contains.

Yxy(49.9521, 0.3365, 0.3243)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(49.9521, 0.3365, 0.3243)

Conversions

Conversions Part 1

Format	Color
Hex	D3B4B8
RGB	211, 180, 184
RGB Percent	83%, 71%, 72%
CMY	0.1726, 0.2941, 0.2785
CMYK	0.00, 0.15, 0.13, 0.17
HSL	352°, 26%, 77%
HSV	352°, 15%, 83%
XYZ	51.8313, 49.9521, 52.2472
YIQ	189.7250, 17.1920, 7.8160

Conversions

Conversions Part 2

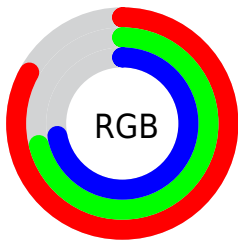
Format	Color
R _Y B	211, 180, 184
Decimal	13874360
CIE Lab	76.04, 11.77, 2.11
CIE LCh	76, 11.960, 10.168
Yxy	49.9521, 0.3365, 0.3243
Android (android.graphics.Color)	4292064440 (0xFFD3B4B8)
YUV	189.7250, -2.8224, 18.6582
Hunter-Lab	70.6768, 7.2197, 5.6442

Details

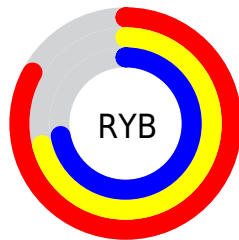
The Yxy color $49.9521, 0.3365, 0.3243$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $60.7899, 0.2931, 0.3338$, and the grayscale version is $51.3349, 0.3127, 0.3290$.

A 20% lighter version of the original color is $87.5422, 0.3230, 0.3251$, and $23.8854, 0.3431, 0.3227$ is the 20% darker color. If you saturate the color by 10%, you get $41.3516, 0.3576, 0.3209$, and if you desaturate by 10%, it is $59.9539, 0.3195, 0.3276$.

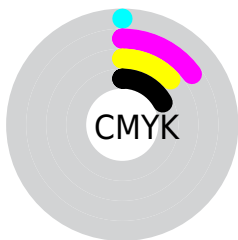
Distribution



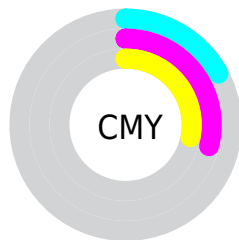
- Red (83%)
- Green (71%)
- Blue (72%)



- Red (83%)
- Yellow (71%)
- Blue (72%)



- Cyan (0%)
- Magenta (15%)
- Yellow (13%)
- Black (17%)





- Cyan (17%)
- Magenta (29%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 49.9521, 0.3365, 0.3243 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 49.9521, 0.3365, 0.3243 by changing the saturation by 10% instead.


 49.9521, 0.3365,
0.3243

 49.9521, 0.3365,
0.3243


386.4786, 0.3247,
0.3267

 35.3753, 0.3394,
0.3237


 90.1039, 0.3322,
0.3252

 23.9521, 0.3432,
0.3229


116.4477, 0.3306,
0.3255

 15.2981, 0.3481,
0.3218


147.4827, 0.3293,
0.3258

 9.0289, 0.3550,
0.3203

183.5932, 0.3281,
0.3260

 4.7600, 0.3651,
0.3180

225.1637, 0.3271,
0.3262

 2.1072, 0.3816,
0.3141

272.5785, 0.3262,

 0.6686, 0.4256,

0.3264

0.3075

326.2220, 0.3254,
0.3266

0.0000, 0.0000,
0.0000

49.9521, 0.3365,
0.3243

49.9521, 0.3365,
0.3243

41.3516, 0.3576,
0.3209

59.9539, 0.3195,
0.3276

34.0836, 0.3837,
0.3174

71.4088, 0.3058,
0.3306

28.0832, 0.4155,
0.3142

84.3739, 0.2947,
0.3333

23.2776, 0.4531,
0.3116

92.5861, 0.2866,
0.3289

19.5868, 0.4955,
0.3103

■ 16.9206, 0.5397,
0.3109

■ 15.1748, 0.5808,
0.3139

■ 14.2233, 0.6127,
0.3191

■ 13.9254, 0.6251,
0.3217

Harmonies

Analogous

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



49.9521, 0.3222, 0.3117



49.9521, 0.3365, 0.3243



49.9521, 0.3444, 0.3384

Triad

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



49.9521, 0.3365, 0.3243



49.9521, 0.3192, 0.3562



49.9521, 0.2828, 0.3069

Complementary

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



49.9521, 0.3365, 0.3243



60.7899, 0.2931, 0.3338

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.



49.9521, 0.2821, 0.3183



49.9521, 0.3365, 0.3243



49.9521, 0.3028, 0.3473

Square

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



49.9521, 0.3365, 0.3243



49.9521, 0.3341, 0.3572



49.9521, 0.2893, 0.3332



49.9521, 0.2913, 0.3016

Rectangle

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



49.9521, 0.3365, 0.3243



49.9521, 0.3448, 0.3469



49.9521, 0.2893, 0.3332



49.9521, 0.2817, 0.3101

Sweetspot

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



49.9543, 0.3365, 0.3243



93.1043, 0.3185, 0.3278



50.5946, 0.3110, 0.2926



19.6594, 0.3197, 0.3275



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.



49.9543, 0.3365, 0.3243



71.8154, 0.3434, 0.3231



54.5647, 0.3379, 0.3426



11.8325, 0.3271, 0.3260



8.4141, 0.6226, 0.3203



0.4788, 0.5818, 0.2979

Inverse Universe

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



49.9543, 0.3365, 0.3243



71.8154, 0.3434, 0.3231



55.5431, 0.2901, 0.3150



11.8325, 0.3271, 0.3260



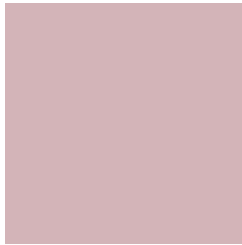
8.4141, 0.6226, 0.3203



0.4788, 0.5818, 0.2979

Previews

White Background



This preview shows how the Yxy color 49.9521, 0.3365, 0.3243 looks on a white background.

Color Contrast Check

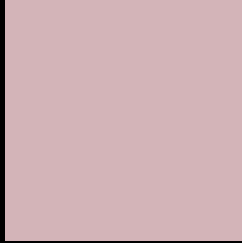
Large Text (above 18pt) WCAG AA × Fail

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 49.9521, 0.3365, 0.3243 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

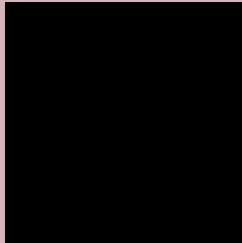
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 49.9521, 0.3365, 0.3243

Background



This preview shows how black text looks on a background with the Yxy color 49.9521, 0.3365, 0.3243.



This preview shows how white text looks on a background with the Yxy color 49.9521, 0.3365, 0.3243.

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

49.9521, 0.3365, 0.3243

Protanopia

50.2479, 0.3153, 0.3278

Deuteranopia

49.7738, 0.3328, 0.3254



Tritanopia

50.0875, 0.3300, 0.3124

Trichromacy



Original Color

49.9521, 0.3365, 0.3243

Protanomaly

49.8746, 0.3222, 0.3253

Deuteranomaly

49.9183, 0.3337, 0.3254

Tritanomaly

49.9550, 0.3325, 0.3160

Monochromacy



Original Color

49.9521, 0.3365, 0.3243

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

50.7544, 0.3212, 0.3266

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.9521, 0.3365, 0.3243 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(211, 180, 184)` looks like.

```
.text, #text, p{  
    color:rgb(211, 180, 184)  
}
```

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(211, 180, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 180, 184) }
```

Border

The CSS property to change the border of an element to Yxy 49.9521, 0.3365, 0.3243 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(211, 180, 184) }
```

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

```
.border{ border-color:rgb(211, 180, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 180, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 180, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 180, 184);  
box-shadow:4px 4px 4px 4px rgb(211, 180,  
184) }
```


Background

The CSS property to change the background color of an element to Yxy 49.9521, 0.3365, 0.3243 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 180, 184) }
```

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

```
.background{ background-color: rgb(211,  
180, 184) }
```

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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