

Converting Colors

$Y_{xy}(50.2854, 0.3274, 0.3034)$

Have a look what the booklet for
Yxy(50.2854, 0.3274, 0.3034)
contains.

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Color

Yxy(50.4580, 0.3269, 0.3033)

Conversions

Conversions Part 1

Format	Color
Hex	D7B2C8
RGB	215, 178, 200
RGB Percent	84%, 70%, 78%
CMY	0.1566, 0.3020, 0.2157
CMYK	0.00, 0.17, 0.07, 0.16
HSL	324°, 32%, 77%
HSV	324°, 17%, 84%
XYZ	54.3842, 50.4580, 61.5212
YIQ	191.5710, 14.9900, 14.6860

Conversions

Conversions Part 2

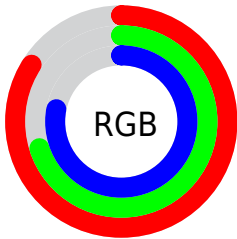
Format	Color
R _Y B	215, 178, 200
Decimal	14136008
CIE Lab	76.35, 17.04, -6.12
CIE LCh	76, 18.103, 340.243
Yxy	50.4580, 0.3269, 0.3033
Android (android.graphics.Color)	4292326088 (0xFFD7B2C8)
YUV	191.5710, 4.1555, 20.5472
Hunter-Lab	71.0338, 12.3522, -1.6264

Details

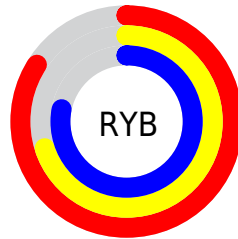
The Yxy color **50.4580, 0.3269, 0.3033** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **61.9473, 0.3007, 0.3562**, and the grayscale version is **52.4224, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.3256, 0.3137, 0.3088**, and **24.2161, 0.3308, 0.2965** is the 20% darker color. If you saturate the color by 10%, you get **42.1669, 0.3373, 0.2876**, and if you desaturate by 10%, it is **60.1184, 0.3181, 0.3185**.

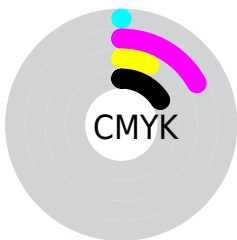
Distribution



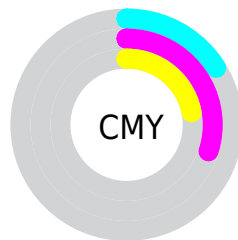
- Red (84%)
- Green (70%)
- Blue (78%)



- Red (84%)
- Yellow (70%)
- Blue (78%)



- Cyan (0%)
- Magenta (17%)
- Yellow (7%)
- Black (16%)





- Cyan (16%)
- Magenta (30%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 50.4580, 0.3269, 0.3033 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 50.4580, 0.3269, 0.3033 by changing the saturation by 10% instead.


 50.4580, 0.3269,
0.3033

 50.4580, 0.3269,
0.3033

388.4543, 0.3200,
0.3157

 35.7774, 0.3286,
0.3003


 90.8531, 0.3245,
0.3077

 24.2624, 0.3306,
0.2966


117.3364, 0.3235,
0.3094

 15.5284, 0.3334,
0.2917


148.5228, 0.3227,
0.3108

 9.1910, 0.3371,
0.2851

184.7967, 0.3220,
0.3121

 4.8660, 0.3424,
0.2756

226.5423, 0.3214,
0.3132

 2.1689, 0.3506,
0.2610

274.1442, 0.3209,

 0.7029, 0.3666,

0.3141

0.2326

327.9868, 0.3204,
0.3150

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

50.4580, 0.3269,
0.3033

50.4580, 0.3269,
0.3033

42.1669, 0.3373,
0.2876

60.1184, 0.3181,
0.3185

35.1757, 0.3495,
0.2720

71.2002, 0.3108,
0.3329

29.4190, 0.3636,
0.2570

83.7606, 0.3047,
0.3463

24.8229, 0.3795,
0.2436

91.9708, 0.2997,
0.3498

■ 21.3056, 0.3970,
0.2331

■ 92.4877, 0.2949,
0.3406

■ 18.7747, 0.4156,
0.2265

■ 93.0298, 0.2903,
0.3316

■ 17.1216, 0.4346,
0.2248

■ 93.1966, 0.2889,
0.3289

■ 16.2014, 0.4530,
0.2283

■ 16.0086, 0.4582,
0.2298

Harmonies

Analogous

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



50.4580, 0.3019, 0.2912



50.4580, 0.3269, 0.3033



50.4580, 0.3487, 0.3218

Triad

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



50.4580, 0.3269, 0.3033



50.4580, 0.3448, 0.3717



50.4580, 0.2670, 0.3123

Complementary

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



50.4580, 0.3269, 0.3033



61.9473, 0.3007, 0.3562

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.



50.4580, 0.2776, 0.3350



50.4580, 0.3269, 0.3033



50.4580, 0.3221, 0.3706

Square

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



50.4580, 0.3269, 0.3033



50.4580, 0.3592, 0.3610



50.4580, 0.2975, 0.3569



50.4580, 0.2681, 0.2955

Rectangle

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



50.4580, 0.3269, 0.3033



50.4580, 0.3581, 0.3357



50.4580, 0.2975, 0.3569



50.4580, 0.2693, 0.3195

Sweetspot

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



50.4602, 0.3269, 0.3033



91.8043, 0.3164, 0.3217



48.0556, 0.2964, 0.2841



19.4126, 0.3170, 0.3207



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.



50.4602, 0.3269, 0.3033



69.1415, 0.3308, 0.2971



49.6542, 0.3424, 0.3247



12.5434, 0.3199, 0.3152



9.5903, 0.4555, 0.2283



0.5947, 0.4261, 0.2121

Inverse Universe

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



50.4602, 0.3269, 0.3033



69.1415, 0.3308, 0.2971



62.8164, 0.2891, 0.3334



12.5434, 0.3199, 0.3152



9.5903, 0.4555, 0.2283



0.5947, 0.4261, 0.2121

Previews

White Background



This preview shows how the Yxy color 50.4580, 0.3269, 0.3033 looks on a white background.

Color Contrast Check

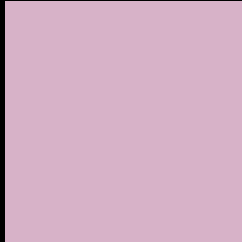
Large Text (above 18pt) WCAG AA × Fail

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 50.4580, 0.3269, 0.3033 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

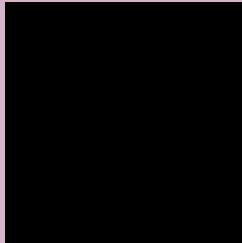
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.4580, 0.3269, 0.3033

Background



This preview shows how black text looks on a background with the Yxy color 50.4580, 0.3269, 0.3033.



This preview shows how white text looks on a background with the Yxy color 50.4580, 0.3269, 0.3033.

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

50.4580, 0.3269, 0.3033

Protanopia

50.5617, 0.2985, 0.3055

Deuteranopia

50.5471, 0.3161, 0.3097



Tritanopia

50.3866, 0.3317, 0.3125

Trichromacy



Original Color

50.4580, 0.3269, 0.3033

Protanomaly

50.5109, 0.3081, 0.3047

Deuteranomaly

50.4367, 0.3205, 0.3075

Tritanomaly

50.5219, 0.3292, 0.3090

Monochromacy



Original Color

50.4580, 0.3269, 0.3033

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

51.7601, 0.3173, 0.3193

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.4580, 0.3269, 0.3033 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(215, 178, 200)` looks like.

```
.text, #text, p{  
    color:rgb(215, 178, 200)  
}
```

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(215, 178, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 178, 200) }
```

Border

The CSS property to change the border of an element to Yxy 50.4580, 0.3269, 0.3033 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(215, 178, 200) }
```

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

```
.border{ border-color:rgb(215, 178, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 178, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 178, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 178, 200);  
box-shadow:4px 4px 4px 4px rgb(215, 178,  
200) }
```


Background

The CSS property to change the background color of an element to Yxy 50.4580, 0.3269, 0.3033 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 178, 200) }
```

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

```
.background{ background-color: rgb(215,  
178, 200) }
```

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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