

Converting Colors

Yxy(50.9413, 0.3169, 0.2986)

Have a look what the booklet for
Yxy(50.9413, 0.3169, 0.2986)
contains.

Yxy(50.8004, 0.3175, 0.2985)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(50.8004, 0.3175, 0.2985)

Conversions

Conversions Part 1

Format	Color
Hex	D2B4CE
RGB	210, 180, 206
RGB Percent	82%, 71%, 81%
CMY	0.1766, 0.2941, 0.1921
CMYK	0.00, 0.14, 0.02, 0.18
HSL	308°, 25%, 76%
HSV	308°, 14%, 82%
XYZ	54.0339, 50.8004, 65.3513
YIQ	191.9340, 9.5340, 14.4460

Conversions

Conversions Part 2

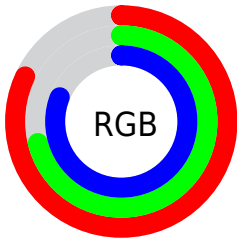
Format	Color
R _Y B	210, 180, 206
Decimal	13808846
CIE Lab	76.56, 15.25, -9.12
CIE LCh	77, 17.767, 329.106
Yxy	50.8004, 0.3175, 0.2985
Android (android.graphics.Color)	4291998926 (0xFFD2B4CE)
YUV	191.9340, 6.9345, 15.8439
Hunter-Lab	71.2744, 10.5927, -4.4707

Details

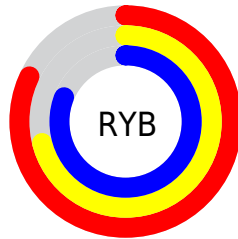
The Yxy color $50.8004, 0.3175, 0.2985$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $59.2440, 0.3083, 0.3615$, and the grayscale version is $52.6261, 0.3127, 0.3290$.

A 20% lighter version of the original color is $88.4709, 0.3136, 0.3107$, and $24.4143, 0.3180, 0.2900$ is the 20% darker color. If you saturate the color by 10%, you get $42.8224, 0.3214, 0.2765$, and if you desaturate by 10%, it is $60.0694, 0.3141, 0.3201$.

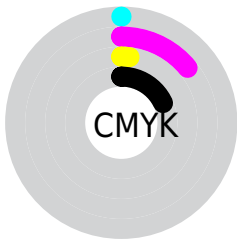
Distribution



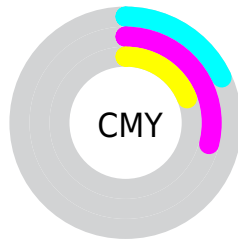
- Red (82%)
- Green (71%)
- Blue (81%)



- Red (82%)
- Yellow (71%)
- Blue (81%)



- Cyan (0%)
- Magenta (14%)
- Yellow (2%)
- Black (18%)




- Cyan (18%)
- Magenta (29%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.8004, 0.3175, 0.2985 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 50.8004, 0.3175, 0.2985 by changing the saturation by 10% instead.

 50.8004, 0.3175,
0.2985

 50.8004, 0.3175,
0.2985

389.7878, 0.3153,
0.3132

 36.0498, 0.3180,
0.2950


 91.3597, 0.3167,
0.3037

 24.4726, 0.3186,
0.2906


117.9371, 0.3164,
0.3057

 15.6846, 0.3194,
0.2849


149.2256, 0.3162,
0.3074

 9.3012, 0.3203,
0.2772

185.6095, 0.3160,
0.3089

 4.9382, 0.3216,
0.2663

227.4733, 0.3158,
0.3102

 2.2110, 0.3233,
0.2496

275.2014, 0.3156,

 0.7260, 0.3264,

0.3113

0.2190

329.1781, 0.3154,
0.3123

0.0000, 0.0429,
0.0000

0.0000, 0.0000,
0.0000

50.8004, 0.3175,
0.2985

50.8004, 0.3175,
0.2985

42.8224, 0.3214,
0.2765

60.0694, 0.3141,
0.3201

36.0713, 0.3257,
0.2546

70.6767, 0.3110,
0.3407

30.4872, 0.3304,
0.2338

82.6755, 0.3084,
0.3602

26.0027, 0.3354,
0.2148

90.2338, 0.3065,
0.3693

■ 22.5437, 0.3405,
0.1988

■ 90.3799, 0.3049,
0.3663

■ 20.0266, 0.3456,
0.1865

■ 90.5284, 0.3034,
0.3632

■ 18.3550, 0.3506,
0.1786

■ 90.6794, 0.3018,
0.3602

■ 17.4116, 0.3552,
0.1751

■ 90.8328, 0.3003,
0.3572

■ 17.0813, 0.3578,
0.1745

■ 90.9888, 0.2988,
0.3542

Harmonies

Analogous

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



50.8004, 0.2936, 0.2897



50.8004, 0.3175, 0.2985



50.8004, 0.3409, 0.3147

Triad

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



50.8004, 0.3175, 0.2985



50.8004, 0.3506, 0.3681



50.8004, 0.2705, 0.3206

Complementary

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



50.8004, 0.3175, 0.2985



59.2440, 0.3083, 0.3615

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.



50.8004, 0.2847, 0.3434



50.8004, 0.3175, 0.2985



50.8004, 0.3307, 0.3716

Square

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



50.8004, 0.3175, 0.2985



50.8004, 0.3603, 0.3543



50.8004, 0.3066, 0.3626



50.8004, 0.2672, 0.3013

Rectangle

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



50.8004, 0.3175, 0.2985



50.8004, 0.3527, 0.3279



50.8004, 0.3066, 0.3626



50.8004, 0.2741, 0.3281

Sweetspot

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



50.8026, 0.3175, 0.2985



93.5771, 0.3140, 0.3205



47.4306, 0.2927, 0.2916



19.7790, 0.3142, 0.3189



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.



50.8026, 0.3175, 0.2985



75.0278, 0.3186, 0.2921



50.1298, 0.3293, 0.3153



11.9810, 0.3158, 0.3091



10.4333, 0.3572, 0.1741



0.5910, 0.3496, 0.1699

Inverse Universe

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



50.8026, 0.3175, 0.2985



75.0278, 0.3186, 0.2921



59.8837, 0.2986, 0.3431



11.9810, 0.3158, 0.3091



10.4333, 0.3572, 0.1741



0.5910, 0.3496, 0.1699

Previews

White Background



This preview shows how the Yxy color 50.8004, 0.3175, 0.2985 looks on a white background.

Color Contrast Check

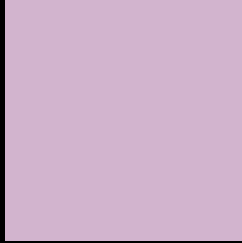
Large Text (above 18pt) WCAG AA × Fail

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 50.8004, 0.3175, 0.2985 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

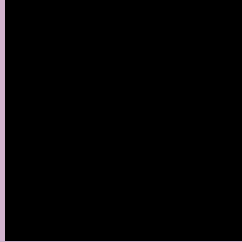
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.8004, 0.3175, 0.2985

Background



This preview shows how black text looks on a background with the Yxy color 50.8004, 0.3175, 0.2985.



This preview shows how white text looks on a background with the Yxy color 50.8004, 0.3175, 0.2985.

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

50.8004, 0.3175, 0.2985

Protanopia

51.1087, 0.2941, 0.3007

Deuteranopia

50.9681, 0.3098, 0.3037



Tritanopia

50.9967, 0.3246, 0.3124

Trichromacy



Original Color

50.8004, 0.3175, 0.2985

Protanomaly

50.9035, 0.3027, 0.2999

Deuteranomaly

51.1121, 0.3131, 0.3028

Tritanomaly

50.7732, 0.3214, 0.3065

Monochromacy



Original Color

50.8004, 0.3175, 0.2985

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

52.1398, 0.3149, 0.3181

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.8004, 0.3175, 0.2985 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(210, 180, 206)` looks like.

```
.text, #text, p{  
    color:rgb(210, 180, 206)  
}
```

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(210, 180, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 180, 206) }
```

Border

The CSS property to change the border of an element to Yxy 50.8004, 0.3175, 0.2985 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(210, 180, 206) }
```

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

```
.border{ border-color:rgb(210, 180, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 180, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 180, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 180, 206);  
box-shadow:4px 4px 4px 4px rgb(210, 180,  
206) }
```


Background

The CSS property to change the background color of an element to Yxy 50.8004, 0.3175, 0.2985 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 180, 206) }
```

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

```
.background{ background-color: rgb(210,  
180, 206) }
```

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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