

Converting Colors

Yxy(52.6966, 0.3016, 0.2802)

Have a look what the booklet for
Yxy(52.6966, 0.3016, 0.2802)
contains.

Yxy(52.8585, 0.3020, 0.2810)	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(52.8585, 0.3020, 0.2810)

Conversions

Conversions Part 1

Format	Color
Hex	D1B7E1
RGB	209, 183, 225
RGB Percent	82%, 72%, 88%
CMY	0.1806, 0.2823, 0.1177
CMYK	0.07, 0.19, 0.00, 0.12
HSL	277°, 41%, 80%
HSV	277°, 19%, 88%
XYZ	56.8088, 52.8585, 78.4413
YIQ	195.5620, 2.0140, 18.5740

Conversions

Conversions Part 2

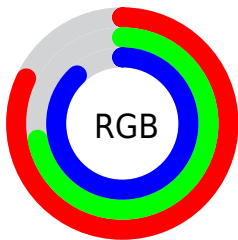
Format	Color
R _Y B	209, 183, 225
Decimal	13744097
CIE Lab	77.79, 16.90, -17.58
CIE LCh	78, 24.388, 313.870
Yxy	52.8585, 0.3020, 0.2810
Android (android.graphics.Color)	4291934177 (0xFFD1B7E1)
YUV	195.5620, 14.5129, 11.7851
Hunter-Lab	72.7039, 12.2432, -13.0762

Details

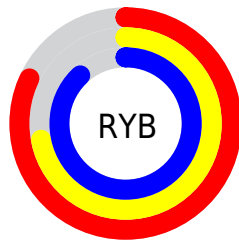
The Yxy color **52.8585, 0.3020, 0.2810** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **69.4206, 0.3217, 0.3782**, and the grayscale version is **54.8354, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.2130, 0.3134, 0.3136**, and **25.7376, 0.2982, 0.2687** is the 20% darker color. If you saturate the color by 10%, you get **43.0875, 0.2948, 0.2532**, and if you desaturate by 10%, it is **64.1854, 0.3082, 0.3075**.

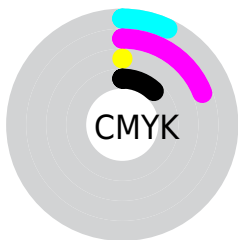
Distribution



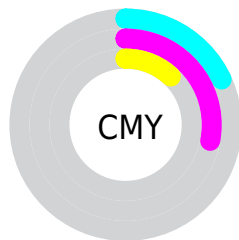
- Red (82%)
- Green (72%)
- Blue (88%)



- Red (82%)
- Yellow (72%)
- Blue (88%)



- Cyan (7%)
- Magenta (19%)
- Yellow (0%)
- Black (12%)





- Cyan (18%)
- Magenta (28%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.8585, 0.3020, 0.2810 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 52.8585, 0.3020, 0.2810 by changing the saturation by 10% instead.


 52.8585, 0.3020,
0.2810

 52.8585, 0.3020,
0.2810


397.7420, 0.3075,
0.3037

 37.6898, 0.3006,
0.2757


 94.3961, 0.3040,
0.2890

 25.7420, 0.2988,
0.2691


121.5339, 0.3048,
0.2920

 16.6308, 0.2964,
0.2607


153.4301, 0.3054,
0.2947

 9.9716, 0.2930,
0.2496

190.4691, 0.3060,
0.2969

 5.3801, 0.2879,
0.2342

233.0355, 0.3064,
0.2989

 2.4720, 0.2797,
0.2117

281.5135, 0.3068,

 0.8626, 0.2646,

0.3007

0.1761

336.2875, 0.3072,
0.3023

0.0000, 0.1576,
0.0000

0.0000, 0.0000,
0.0000

52.8585, 0.3020,
0.2810

52.8585, 0.3020,
0.2810

43.0875, 0.2948,
0.2532

64.1854, 0.3082,
0.3075

34.7942, 0.2866,
0.2248

77.1281, 0.3134,
0.3322

27.9037, 0.2775,
0.1968

91.7516, 0.3177,
0.3550

22.3319, 0.2676,
0.1703

96.0735, 0.3228,
0.3588

■ 17.9849, 0.2573,
0.1467

■ 97.6424, 0.3284,
0.3583

■ 14.7565, 0.2469,
0.1273

■ 98.2162, 0.3304,
0.3582

■ 12.5214, 0.2368,
0.1127

■ 11.0916, 0.2273,
0.1030

■ 10.9261, 0.2261,
0.1019

Harmonies

Analogous

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



52.8585, 0.2731, 0.2753



52.8585, 0.3020, 0.2810



52.8585, 0.3353, 0.2979

Triad

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



52.8585, 0.3020, 0.2810



52.8585, 0.3728, 0.3731



52.8585, 0.2640, 0.3329

Complementary

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



52.8585, 0.3020, 0.2810



69.4206, 0.3217, 0.3782

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.



52.8585, 0.2887, 0.3633



52.8585, 0.3020, 0.2810



52.8585, 0.3517, 0.3865

Square

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



52.8585, 0.3020, 0.2810



52.8585, 0.3774, 0.3494



52.8585, 0.3207, 0.3836



52.8585, 0.2521, 0.3031

Rectangle

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



52.8585, 0.3020, 0.2810



52.8585, 0.3552, 0.3136



52.8585, 0.3207, 0.3836



52.8585, 0.2710, 0.3435

Sweetspot

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



52.8607, 0.3020, 0.2810



89.5315, 0.3096, 0.3141



56.4047, 0.2830, 0.2980



18.9298, 0.3093, 0.3125



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.



52.8607, 0.3020, 0.2810



65.4389, 0.2996, 0.2714



55.0557, 0.3187, 0.2880



13.6604, 0.3077, 0.3055



6.3652, 0.2275, 0.1027



0.4922, 0.2418, 0.1105

Inverse Universe

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



54.0095, 0.3356, 0.3109



67.2462, 0.3409, 0.3073



67.5471, 0.3073, 0.3738



13.7868, 0.3232, 0.3201



9.6325, 0.5442, 0.2771



0.6848, 0.5025, 0.2542

Previews

White Background



This preview shows how the Yxy color 52.8585, 0.3020, 0.2810 looks on a white background.

Color Contrast Check

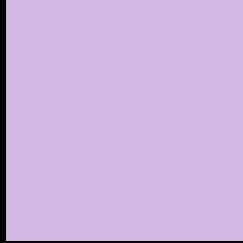
Large Text (above 18pt) WCAG AA × Fail

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 52.8585, 0.3020, 0.2810 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 52.8585, 0.3020, 0.2810

Background



This preview shows how black text looks on a background with the Yxy color 52.8585, 0.3020, 0.2810.



This preview shows how white text looks on a background with the Yxy color 52.8585, 0.3020, 0.2810.

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

52.8585, 0.3020, 0.2810

Protanopia

53.1651, 0.2799, 0.2825

Deuteranopia

53.0840, 0.2927, 0.2866



Tritanopia

52.7841, 0.3160, 0.3112

Trichromacy



Original Color

52.8585, 0.3020, 0.2810

Protanomaly

52.9053, 0.2877, 0.2819

Deuteranomaly

52.9171, 0.2965, 0.2847

Tritanomaly

52.8928, 0.3108, 0.3008

Monochromacy



Original Color

52.8585, 0.3020, 0.2810

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

54.1841, 0.3088, 0.3100

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.8585, 0.3020, 0.2810 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(209, 183, 225)` looks like.

```
.text, #text, p{  
    color:rgb(209, 183, 225)  
}
```

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(209, 183, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 183, 225) }
```

Border

The CSS property to change the border of an element to Yxy 52.8585, 0.3020, 0.2810 is called "border". The border property can be set on classes, ids or directly on the HTML element.

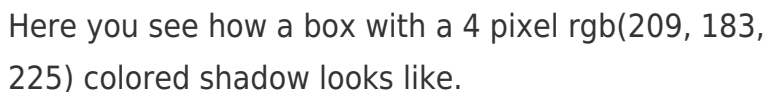
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(209, 183, 225) }
```

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

```
.border{ border-color:rgb(209, 183, 225) }
```

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



Here you see how a box with a 4 pixel `rgb(209, 183, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(209, 183, 225); -webkit-box-shadow:4px 4px 4px 4px rgb(209, 183, 225); box-shadow:4px 4px 4px 4px rgb(209, 183, 225) }
```


Background

The CSS property to change the background color of an element to Yxy 52.8585, 0.3020, 0.2810 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 183, 225) }
```

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

```
.background{ background-color: rgb(209,  
183, 225) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor