

Converting Colors

$Yxy(52.6195, 0.2848, 0.2576)$

Have a look what the booklet for
Yxy(52.6195, 0.2848, 0.2576)
contains.

Yxy(52.6195, 0.2848, 0.2576)	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(52.6195, 0.2848, 0.2576)

Conversions

Conversions Part 1

Format	Color
Hex	CDB5F5
RGB	205, 181, 245
RGB Percent	80%, 71%, 96%
CMY	0.1962, 0.2901, 0.0392
CMYK	0.16, 0.26, 0.00, 0.04
HSL	262°, 76%, 84%
HSV	262°, 26%, 96%
XYZ	58.1756, 52.6195, 93.4731
YIQ	195.4720, -6.2400, 24.9920

Conversions

Conversions Part 2

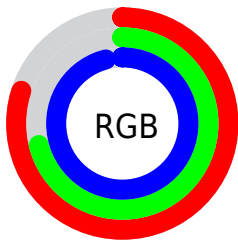
Format	Color
R _Y B	205, 181, 245
Decimal	13481461
CIE Lab	77.65, 20.86, -28.62
CIE LCh	78, 35.414, 306.095
Yxy	52.6195, 0.2848, 0.2576
Android (android.graphics.Color)	4291671541 (0xFFCDB5F5)
YUV	195.4720, 24.4173, 8.3561
Hunter-Lab	72.5393, 16.2110, -25.6228

Details

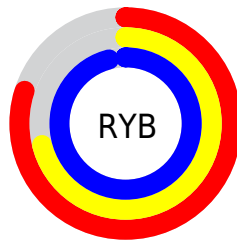
The Yxy color **52.6195, 0.2848, 0.2576** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **84.0180, 0.3356, 0.3981**, and the grayscale version is **54.7233, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.0484, 0.3135, 0.3117**, and **25.5965, 0.2765, 0.2401** is the 20% darker color. If you saturate the color by 10%, you get **41.4445, 0.2713, 0.2267**, and if you desaturate by 10%, it is **65.7642, 0.2967, 0.2868**.

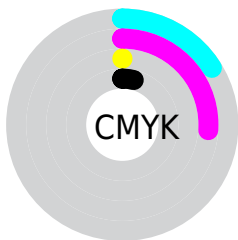
Distribution



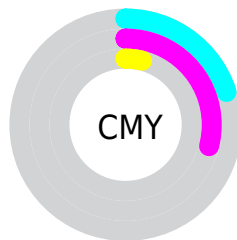
- Red (80%)
- Green (71%)
- Blue (96%)



- Red (80%)
- Yellow (71%)
- Blue (96%)



- Cyan (16%)
- Magenta (26%)
- Yellow (0%)
- Black (4%)





- Cyan (20%)
- Magenta (29%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.6195, 0.2848, 0.2576 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 52.6195, 0.2848, 0.2576 by changing the saturation by 10% instead.

 52.6195, 0.2848,
0.2576

 52.6195, 0.2848,
0.2576


396.8236, 0.2988,
0.2908

 37.4991, 0.2814,
0.2500


 94.0442, 0.2899,
0.2691

 25.5942, 0.2770,
0.2407


121.1174, 0.2918,
0.2736

 16.5203, 0.2712,
0.2290


152.9435, 0.2934,
0.2774

 9.8931, 0.2634,
0.2139

189.9071, 0.2948,
0.2808

 5.3281, 0.2522,
0.1936

232.3925, 0.2960,
0.2837

 2.4410, 0.2352,
0.1654

280.7841, 0.2970,

 0.8469, 0.2070,

0.2864

0.1245

335.4663, 0.2980,
0.2887

0.0000, 0.1195,
0.0000

0.0000, 0.0000,
0.0000

52.6195, 0.2848,
0.2576

52.6195, 0.2848,
0.2576

41.4445, 0.2713,
0.2267

65.7642, 0.2967,
0.2868

32.1349, 0.2565,
0.1950

80.9629, 0.3071,
0.3138

24.5862, 0.2408,
0.1640

98.3030, 0.3160,
0.3382

18.6810, 0.2247,
0.1353

99.3724, 0.3185,
0.3386

■ 14.2868, 0.2091,
0.1108

■ 11.2493, 0.1950,
0.0919

■ 9.3785, 0.1829,
0.0795

■ 8.8542, 0.1788,
0.0759

Harmonies

Analogous

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



52.6195, 0.2477, 0.2535



52.6195, 0.2848, 0.2576



52.6195, 0.3324, 0.2775

Triad

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



52.6195, 0.2848, 0.2576



52.6195, 0.4041, 0.3829



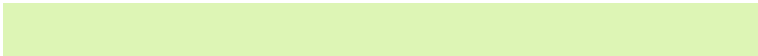
52.6195, 0.2501, 0.3461

Complementary

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



52.6195, 0.2848, 0.2576



84.0180, 0.3356, 0.3981

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.



52.6195, 0.2886, 0.3901



52.6195, 0.2848, 0.2576



52.6195, 0.3780, 0.4091

Square

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



52.6195, 0.2848, 0.2576



52.6195, 0.4044, 0.3465



52.6195, 0.3354, 0.4137



52.6195, 0.2289, 0.3003

Rectangle

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



52.6195, 0.2848, 0.2576



52.6195, 0.3638, 0.2975



52.6195, 0.3354, 0.4137



52.6195, 0.2614, 0.3619

Sweetspot

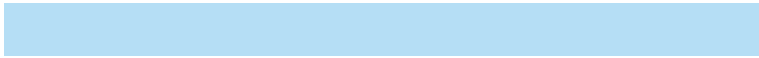
The Sweet Spot groups the original color and five complimentary colors.



52.6217, 0.2848, 0.2576



85.3274, 0.3053, 0.3088



68.4149, 0.2719, 0.3023



17.7090, 0.3037, 0.3048



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.



52.6217, 0.2848, 0.2576



51.3085, 0.2783, 0.2425



57.5591, 0.3090, 0.2625



16.2289, 0.3038, 0.3049



4.8426, 0.1804, 0.0767



0.4823, 0.1942, 0.0844

Inverse Universe

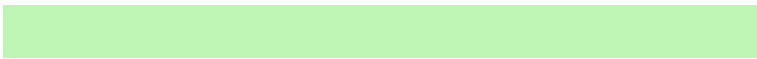
The Inverse Universe completely reimagines the original color for something new.



57.6885, 0.3346, 0.2871



57.7492, 0.3399, 0.2788



79.5285, 0.3146, 0.4028



16.6569, 0.3195, 0.3143



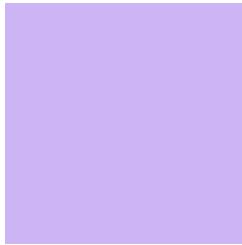
11.7293, 0.4437, 0.2218



1.0508, 0.4242, 0.2110

Previews

White Background



This preview shows how the Yxy color 52.6195, 0.2848, 0.2576 looks on a white background.

Color Contrast Check

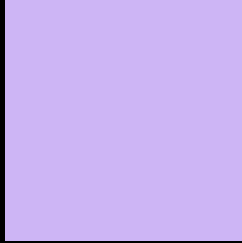
Large Text (above 18pt) WCAG AA × Fail

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 52.6195, 0.2848, 0.2576 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

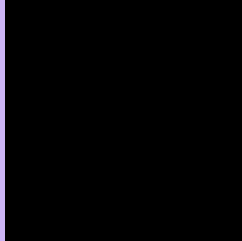
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.6195, 0.2848, 0.2576

Background



This preview shows how black text looks on a background with the Yxy color 52.6195, 0.2848, 0.2576.

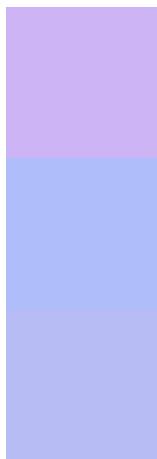


This preview shows how white text looks on a background with the Yxy color 52.6195, 0.2848, 0.2576.

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

52.6195, 0.2848, 0.2576

Protanopia

52.9059, 0.2609, 0.2580

Deuteranopia

52.6884, 0.2708, 0.2639



Tritanopia

52.7606, 0.3087, 0.3109

Trichromacy



Original Color

52.6195, 0.2848, 0.2576

Protanomaly

52.8193, 0.2691, 0.2578

Deuteranomaly

52.4360, 0.2762, 0.2613

Tritanomaly

52.6498, 0.3001, 0.2903

Monochromacy



Original Color

52.6195, 0.2848, 0.2576

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

53.7731, 0.3028, 0.3017

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.6195, 0.2848, 0.2576 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(205, 181, 245)` looks like.

```
.text, #text, p{  
    color:rgb(205, 181, 245)  
}
```

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(205, 181, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 181, 245) }
```

Border

The CSS property to change the border of an element to Yxy 52.6195, 0.2848, 0.2576 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(205, 181, 245) }
```

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

```
.border{ border-color:rgb(205, 181, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 181, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 181, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 181, 245);  
box-shadow:4px 4px 4px 4px rgb(205, 181,  
245) }
```


Background

The CSS property to change the background color of an element to Yxy 52.6195, 0.2848, 0.2576 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 181, 245) }
```

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

```
.background{ background-color: rgb(205,  
181, 245) }
```

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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