

Converting Colors

$Y_{xy}(50.0712, 0.2854, 0.2838)$

Have a look what the booklet for
Yxy(50.0712, 0.2854, 0.2838)
contains.

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Color

Yxy(50.2861, 0.2856, 0.2841)

Conversions

Conversions Part 1

Format	Color
Hex	B9B9DE
RGB	185, 185, 222
RGB Percent	73%, 73%, 87%
CMY	0.2743, 0.2746, 0.1293
CMYK	0.17, 0.17, 0.00, 0.13
HSL	240°, 36%, 80%
HSV	240°, 17%, 87%
XYZ	50.5516, 50.2861, 76.1637
YIQ	189.2180, -11.8770, 11.5070

Conversions

Conversions Part 2

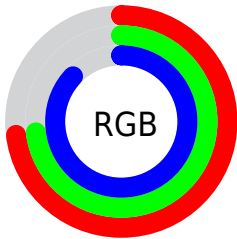
Format	Color
R _Y B	185, 185, 222
Decimal	12171742
CIE Lab	76.24, 7.50, -18.50
CIE LCh	76, 19.959, 292.073
Yxy	50.2861, 0.2856, 0.2841
Android (android.graphics.Color)	4290361822 (0xFFB9B9DE)
YUV	189.2180, 16.1615, -3.6992
Hunter-Lab	70.9127, 3.1503, -14.0415

Details

The Yxy color **50.2861, 0.2856, 0.2841** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **71.2803, 0.3376, 0.3703**, and the grayscale version is **50.9360, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.8314, 0.3044, 0.3152**, and **24.1981, 0.2784, 0.2723** is the 20% darker color. If you saturate the color by 10%, you get **39.1674, 0.2666, 0.2527**, and if you desaturate by 10%, it is **63.2892, 0.3026, 0.3122**.

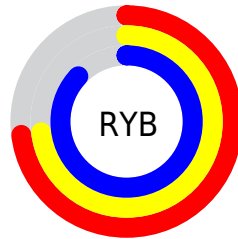
Distribution



Red (73%)

Green (73%)

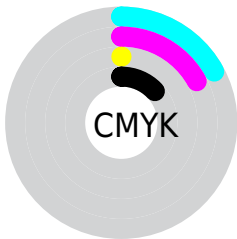
Blue (87%)



Red (73%)

Yellow (73%)

Blue (87%)

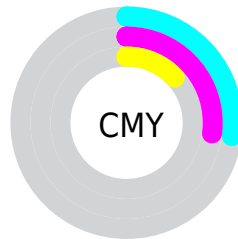


Cyan (17%)

Magenta (17%)

Yellow (0%)

Black (13%)



Cyan (27%)

Magenta (27%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 50.2861, 0.2856, 0.2841 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 50.2861, 0.2856, 0.2841 by changing the saturation by 10% instead.

■ 50.2861, 0.2856,
0.2841

■ 50.2861, 0.2856,
0.2841

387.7837, 0.2990,
0.3058

■ 35.6408, 0.2823,
0.2789

■ 90.5986, 0.2904,
0.2918

■ 24.1569, 0.2781,
0.2725

117.0346, 0.2923,
0.2947

■ 15.4500, 0.2726,
0.2641

148.1696, 0.2938,
0.2972

■ 9.1358, 0.2651,
0.2528

184.3881, 0.2951,
0.2994

■ 4.8299, 0.2542,
0.2370

226.0743, 0.2963,
0.3013

■ 2.1478, 0.2373,
0.2132

273.6127, 0.2973,

■ 0.6913, 0.2084,

0.3030

0.1715

327.3877, 0.2982,
0.3044

0.0000, 0.0000,
0.0000

50.2861, 0.2856,
0.2841

50.2861, 0.2856,
0.2841

39.1674, 0.2666,
0.2527

63.2892, 0.3026,
0.3122

29.8399, 0.2460,
0.2185

78.2519, 0.3174,
0.3368

22.2119, 0.2244,
0.1829

95.2527, 0.3303,
0.3581

16.1810, 0.2032,
0.1478

98.0551, 0.3321,
0.3611

11.6339, 0.1838,
0.1158

■ 8.4423, 0.1680,
0.0896

■ 6.4564, 0.1570,
0.0715

■ 5.4849, 0.1513,
0.0621

■ 5.2774, 0.1501,
0.0600

Harmonies

Analogous

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



50.2861, 0.2676, 0.2875



50.2861, 0.2856, 0.2841



50.2861, 0.3115, 0.2917

Triad

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



50.2861, 0.2856, 0.2841



50.2861, 0.3669, 0.3524



50.2861, 0.2863, 0.3510

Complementary

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



50.2861, 0.2856, 0.2841



71.2803, 0.3376, 0.3703

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.



50.2861, 0.3121, 0.3707



50.2861, 0.2856, 0.2841



50.2861, 0.3592, 0.3702

Square

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



50.2861, 0.2856, 0.2841



50.2861, 0.3594, 0.3299



50.2861, 0.3389, 0.3775



50.2861, 0.2680, 0.3253

Rectangle

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



50.2861, 0.2856, 0.2841



50.2861, 0.3300, 0.3018



50.2861, 0.3389, 0.3775



50.2861, 0.2943, 0.3587

Sweetspot

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



50.2882, 0.2856, 0.2841



89.7983, 0.3051, 0.3165



67.8421, 0.2876, 0.3289



18.9255, 0.3040, 0.3146



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.



50.2882, 0.2856, 0.2841



63.2546, 0.2792, 0.2736



52.7356, 0.2999, 0.2859



13.2444, 0.2981, 0.3047



3.1344, 0.1501, 0.0600



0.2176, 0.1502, 0.0601

Inverse Universe

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



55.4979, 0.3147, 0.2879



71.6605, 0.3151, 0.2792



68.5240, 0.3239, 0.3721



13.9353, 0.3138, 0.3059



12.3458, 0.3213, 0.1544



0.8559, 0.3213, 0.1543

Previews

White Background



This preview shows how the Yxy color 50.2861, 0.2856, 0.2841 looks on a white background.

Color Contrast Check

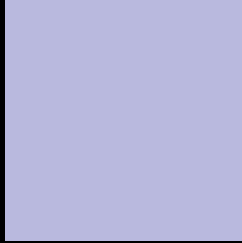
Large Text (above 18pt) WCAG AA × Fail

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 50.2861, 0.2856, 0.2841 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

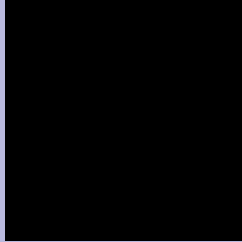
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.2861, 0.2856, 0.2841

Background



This preview shows how black text looks on a background with the Yxy color 50.2861, 0.2856, 0.2841.



This preview shows how white text looks on a background with the Yxy color 50.2861, 0.2856, 0.2841.

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

50.2861, 0.2856, 0.2841

Protanopia

50.1488, 0.2812, 0.2838

Deuteranopia

50.3737, 0.2886, 0.2833



Tritanopia

50.2233, 0.2967, 0.3101

Trichromacy



Original Color

50.2861, 0.2856, 0.2841

Protanomaly

50.3906, 0.2827, 0.2840

Deuteranomaly

50.2463, 0.2878, 0.2832

Tritanomaly

50.2611, 0.2925, 0.3004

Monochromacy



Original Color

50.2861, 0.2856, 0.2841

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

50.8749, 0.3029, 0.3128

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.2861, 0.2856, 0.2841 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(185, 185, 222)` looks like.

```
.text, #text, p{  
    color:rgb(185, 185, 222)  
}
```

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(185, 185, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 185, 222) }
```

Border

The CSS property to change the border of an element to Yxy 50.2861, 0.2856, 0.2841 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(185, 185, 222) }
```

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

```
.border{ border-color:rgb(185, 185, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 185, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 185, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 185, 222);  
box-shadow:4px 4px 4px 4px rgb(185, 185,  
222) }
```


Background

The CSS property to change the background color of an element to Yxy 50.2861, 0.2856, 0.2841 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 185, 222) }
```

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

```
.background{ background-color: rgb(185,  
185, 222) }
```

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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