

Converting Colors

$Yxy(50.5731, 0.2887, 0.2798)$

Have a look what the booklet for
Yxy(50.5731, 0.2887, 0.2798)
contains.

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Color

Yxy(50.5097, 0.2887, 0.2791)

Conversions

Conversions Part 1

Format	Color
Hex	C0B7E1
RGB	192, 183, 225
RGB Percent	75%, 72%, 88%
CMY	0.2473, 0.2822, 0.1177
CMYK	0.15, 0.19, 0.00, 0.12
HSL	253°, 41%, 80%
HSV	253°, 19%, 88%
XYZ	52.2470, 50.5097, 78.2167
YIQ	190.4790, -8.1180, 14.9700

Conversions

Conversions Part 2

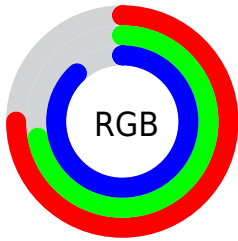
Format	Color
R _Y B	192, 183, 225
Decimal	12629985
CIE _{Lab}	76.38, 11.39, -19.84
CIE _{LCh}	76, 22.879, 299.860
Y _{xy}	50.5097, 0.2887, 0.2791
Android (android.graphics.Color)	4290820065 (0xFFC0B7E1)
Y _{UV}	190.4790, 17.0189, 1.3339
Hunter-Lab	71.0702, 6.8510, -15.5029

Details

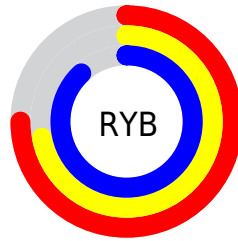
The Yxy color $50.5097, 0.2887, 0.2791$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $71.8725, 0.3341, 0.3763$, and the grayscale version is $51.6826, 0.3127, 0.3290$.

A 20% lighter version of the original color is $89.0927, 0.3095, 0.3134$, and $24.2708, 0.2816, 0.2657$ is the 20% darker color. If you saturate the color by 10%, you get $39.7838, 0.2732, 0.2484$, and if you desaturate by 10%, it is $63.0018, 0.3024, 0.3071$.

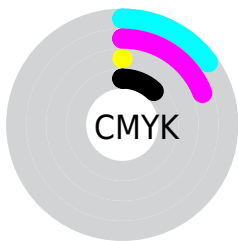
Distribution



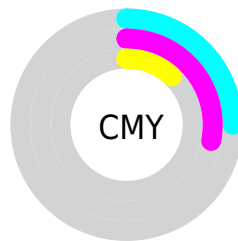
- Red (75%)
- Green (72%)
- Blue (88%)



- Red (75%)
- Yellow (72%)
- Blue (88%)



- Cyan (15%)
- Magenta (19%)
- Yellow (0%)
- Black (12%)



- Cyan (25%)
- Magenta (28%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 50.5097, 0.2887, 0.2791 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 50.5097, 0.2887, 0.2791 by changing the saturation by 10% instead.

■ 50.5097, 0.2887,
0.2791

■ 50.5097, 0.2887,
0.2791

388.6558, 0.3007,
0.3030

■ 35.8186, 0.2857,
0.2735

■ 90.9296, 0.2930,
0.2875

■ 24.2941, 0.2820,
0.2664

117.4272, 0.2947,
0.2908

■ 15.5519, 0.2770,
0.2573

148.6290, 0.2960,
0.2935

■ 9.2076, 0.2702,
0.2453

184.9195, 0.2972,
0.2959

■ 4.8769, 0.2603,
0.2284

226.6830, 0.2983,
0.2980

■ 2.1752, 0.2448,
0.2035

274.3040, 0.2992,

■ 0.7064, 0.2181,

0.2999

0.1614

328.1668, 0.3000,
0.3015

0.0000, 0.0000,
0.0000

50.5097, 0.2887,
0.2791

50.5097, 0.2887,
0.2791

39.7838, 0.2732,
0.2484

63.0018, 0.3024,
0.3071

30.7378, 0.2561,
0.2158

77.3290, 0.3142,
0.3322

23.2872, 0.2378,
0.1822

93.5639, 0.3244,
0.3545

17.3377, 0.2190,
0.1495

98.2153, 0.3304,
0.3582

12.7851, 0.2008,
0.1197

■ 9.5113, 0.1844,
0.0951

■ 7.3779, 0.1709,
0.0773

■ 6.1830, 0.1611,
0.0667

■ 6.0574, 0.1600,
0.0655

Harmonies

Analogous

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



50.5097, 0.2655, 0.2794



50.5097, 0.2887, 0.2791



50.5097, 0.3195, 0.2906

Triad

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



50.5097, 0.2887, 0.2791



50.5097, 0.3742, 0.3615



50.5097, 0.2760, 0.3468

Complementary

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



50.5097, 0.2887, 0.2791



71.8725, 0.3341, 0.3763

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.



50.5097, 0.3037, 0.3724



50.5097, 0.2887, 0.2791



50.5097, 0.3609, 0.3796

Square

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



50.5097, 0.2887, 0.2791



50.5097, 0.3701, 0.3366



50.5097, 0.3349, 0.3844



50.5097, 0.2584, 0.3170

Rectangle

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



50.5097, 0.2887, 0.2791



50.5097, 0.3403, 0.3035



50.5097, 0.3349, 0.3844



50.5097, 0.2844, 0.3563

Sweetspot

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



50.5118, 0.2887, 0.2791



88.4089, 0.3056, 0.3139



64.9218, 0.2842, 0.3191



18.6648, 0.3048, 0.3122



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.



50.5118, 0.2887, 0.2791



61.8408, 0.2835, 0.2686



53.3704, 0.3048, 0.2814



13.3827, 0.3013, 0.3050



3.5322, 0.1611, 0.0661



0.2835, 0.1758, 0.0742

Inverse Universe

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



54.8458, 0.3218, 0.2923



68.5377, 0.3238, 0.2851



68.9455, 0.3192, 0.3785



13.8832, 0.3170, 0.3107



11.0771, 0.3829, 0.1883



0.7804, 0.3715, 0.1820

Previews

White Background



This preview shows how the Yxy color 50.5097, 0.2887, 0.2791 looks on a white background.

Color Contrast Check

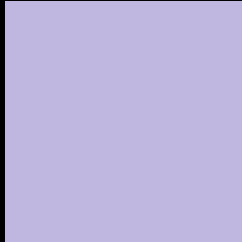
Large Text (above 18pt) WCAG AA × Fail

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 50.5097, 0.2887, 0.2791 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

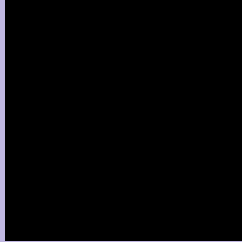
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.5097, 0.2887, 0.2791

Background



This preview shows how black text looks on a background with the Yxy color 50.5097, 0.2887, 0.2791.



This preview shows how white text looks on a background with the Yxy color 50.5097, 0.2887, 0.2791.

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

50.5097, 0.2887, 0.2791

Protanopia

50.6704, 0.2779, 0.2804

Deuteranopia

50.5360, 0.2865, 0.2800



Tritanopia

50.4963, 0.3022, 0.3104

Trichromacy



Original Color

50.5097, 0.2887, 0.2791

Protanomaly

50.7991, 0.2822, 0.2808

Deuteranomaly

50.6644, 0.2873, 0.2801

Tritanomaly

50.5898, 0.2972, 0.2996

Monochromacy



Original Color

50.5097, 0.2887, 0.2791

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

50.9288, 0.3039, 0.3093

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.5097, 0.2887, 0.2791 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(192, 183, 225)` looks like.

```
.text, #text, p{  
    color:rgb(192, 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(192, 183, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 183, 225) }
```

Border

The CSS property to change the border of an element to Yxy 50.5097, 0.2887, 0.2791 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(192, 183, 225) }
```

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

```
.border{ border-color:rgb(192, 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(192, 183, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 183, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 183, 225);  
box-shadow:4px 4px 4px 4px rgb(192, 183,  
225) }
```


Background

The CSS property to change the background color of an element to Yxy 50.5097, 0.2887, 0.2791 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 183, 225) }
```

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

```
.background{ background-color: rgb(192,  
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](#).

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