

Converting Colors

$Yxy(50.3417, 0.2934, 0.2767)$

Have a look what the booklet for
Yxy(50.3417, 0.2934, 0.2767)
contains.

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Color

Yxy(50.4898, 0.2933, 0.2773)

Conversions

Conversions Part 1

Format	Color
Hex	C6B5E1
RGB	198, 181, 225
RGB Percent	78%, 71%, 88%
CMY	0.2236, 0.2902, 0.1175
CMYK	0.12, 0.20, 0.00, 0.12
HSL	263°, 42%, 80%
HSV	263°, 20%, 88%
XYZ	53.4030, 50.4898, 78.1836
YIQ	191.0990, -3.9920, 17.2880

Conversions

Conversions Part 2

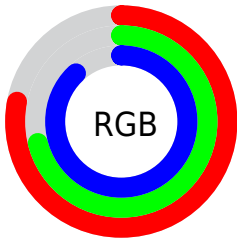
Format	Color
R _Y B	198, 181, 225
Decimal	13022689
CIE Lab	76.37, 14.44, -19.84
CIE LCh	76, 24.538, 306.055
Yxy	50.4898, 0.2933, 0.2773
Android (android.graphics.Color)	4291212769 (0xFFC6B5E1)
YUV	191.0990, 16.7132, 6.0522
Hunter-Lab	71.0562, 9.8053, -15.4979

Details

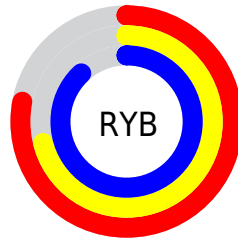
The Yxy color **50.4898, 0.2933, 0.2773** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **70.6182, 0.3295, 0.3796**, and the grayscale version is **52.0645, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.0484, 0.3135, 0.3117**, and **24.2699, 0.2876, 0.2636** is the 20% darker color. If you saturate the color by 10%, you get **40.2742, 0.2811, 0.2477**, and if you desaturate by 10%, it is **62.3591, 0.3039, 0.3049**.

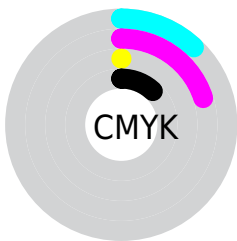
Distribution



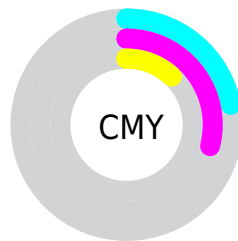
- Red (78%)
- Green (71%)
- Blue (88%)



- Red (78%)
- Yellow (71%)
- Blue (88%)



- Cyan (12%)
- Magenta (20%)
- Yellow (0%)
- Black (12%)



- Cyan (22%)
- Magenta (29%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 50.4898, 0.2933, 0.2773 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 50.4898, 0.2933, 0.2773 by changing the saturation by 10% instead.

■ 50.4898, 0.2933,
0.2773

■ 50.4898, 0.2933,
0.2773

388.5783, 0.3031,
0.3019

■ 35.8027, 0.2909,
0.2715

■ 90.9002, 0.2969,
0.2860

■ 24.2819, 0.2877,
0.2643

117.3923, 0.2982,
0.2893

■ 15.5429, 0.2836,
0.2550

148.5881, 0.2993,
0.2922

■ 9.2013, 0.2778,
0.2427

184.8722, 0.3003,
0.2946

■ 4.8727, 0.2694,
0.2256

226.6289, 0.3011,
0.2968

■ 2.1728, 0.2560,
0.2004

274.2425, 0.3019,

■ 0.7051, 0.2327,

0.2987

0.1584

328.0975, 0.3025,
0.3004

0.0000, 0.0000,
0.0000

50.4898, 0.2933,
0.2773

50.4898, 0.2933,
0.2773

40.2742, 0.2811,
0.2477

62.3591, 0.3039,
0.3049

31.6304, 0.2675,
0.2167

75.9460, 0.3131,
0.3301

24.4792, 0.2526,
0.1854

91.3191, 0.3209,
0.3527

18.7316, 0.2370,
0.1552

97.8924, 0.3292,
0.3582

14.2890, 0.2213,
0.1279

98.2177, 0.3303,
0.3581

■ 11.0392, 0.2063,
0.1052

■ 8.8499, 0.1928,
0.0884

■ 7.5049, 0.1814,
0.0775

■ 7.4544, 0.1810,
0.0771

Harmonies

Analogous

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



50.4898, 0.2663, 0.2748



50.4898, 0.2933, 0.2773



50.4898, 0.3270, 0.2918

Triad

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



50.4898, 0.2933, 0.2773



50.4898, 0.3771, 0.3684



50.4898, 0.2684, 0.3414

Complementary

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



50.4898, 0.2933, 0.2773



70.6182, 0.3295, 0.3796

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.



50.4898, 0.2963, 0.3709



50.4898, 0.2933, 0.2773



50.4898, 0.3594, 0.3856

Square

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



50.4898, 0.2933, 0.2773



50.4898, 0.3768, 0.3427



50.4898, 0.3296, 0.3874



50.4898, 0.2526, 0.3098

Rectangle

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



50.4898, 0.2933, 0.2773



50.4898, 0.3486, 0.3067



50.4898, 0.3296, 0.3874



50.4898, 0.2766, 0.3521

Sweetspot

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



50.4919, 0.2933, 0.2773



88.8846, 0.3073, 0.3140



60.4483, 0.2823, 0.3089



18.7770, 0.3067, 0.3123



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.



50.4919, 0.2933, 0.2773



61.9139, 0.2891, 0.2669



53.6867, 0.3108, 0.2800



13.4997, 0.3041, 0.3052



4.3569, 0.1825, 0.0779



0.3525, 0.1999, 0.0875

Inverse Universe

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



53.6185, 0.3285, 0.2986



66.7456, 0.3320, 0.2928



67.6584, 0.3138, 0.3821



13.8413, 0.3197, 0.3147



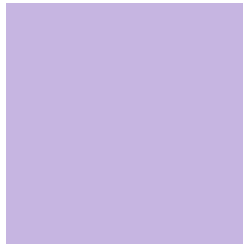
10.3087, 0.4477, 0.2240



0.7319, 0.4229, 0.2103

Previews

White Background



This preview shows how the Yxy color 50.4898, 0.2933, 0.2773 looks on a white background.

Color Contrast Check

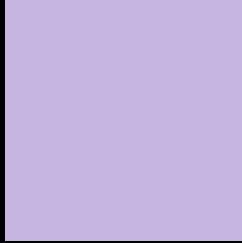
Large Text (above 18pt) WCAG AA × Fail

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 50.4898, 0.2933, 0.2773 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

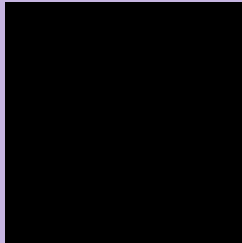
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.4898, 0.2933, 0.2773

Background



This preview shows how black text looks on a background with the Yxy color 50.4898, 0.2933, 0.2773.



This preview shows how white text looks on a background with the Yxy color 50.4898, 0.2933, 0.2773.

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

50.4898, 0.2933, 0.2773

Protanopia

50.7815, 0.2767, 0.2782

Deuteranopia

50.4816, 0.2872, 0.2811



Tritanopia

50.3374, 0.3086, 0.3106

Trichromacy



Original Color

50.4898, 0.2933, 0.2773

Protanomaly

50.7385, 0.2823, 0.2775

Deuteranomaly

50.4553, 0.2894, 0.2802

Tritanomaly

50.4865, 0.3027, 0.2987

Monochromacy



Original Color

50.4898, 0.2933, 0.2773

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

51.3218, 0.3063, 0.3094

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.4898, 0.2933, 0.2773 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(198, 181, 225)` looks like.

```
.text, #text, p{  
    color:rgb(198, 181, 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(198, 181, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 181, 225) }
```

Border

The CSS property to change the border of an element to Yxy 50.4898, 0.2933, 0.2773 is called "border". The border property can be set on classes, ids or directly on the HTML element.

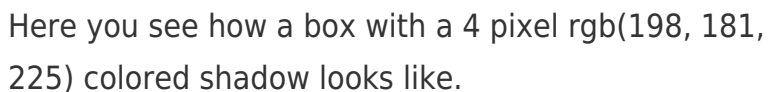
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(198, 181, 225) }
```

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

```
.border{ border-color:rgb(198, 181, 225) }
```

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



Here you see how a box with a 4 pixel `rgb(198, 181, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(198, 181, 225); -webkit-box-shadow:4px 4px 4px 4px rgb(198, 181, 225); box-shadow:4px 4px 4px 4px rgb(198, 181, 225) }
```


Background

The CSS property to change the background color of an element to Yxy 50.4898, 0.2933, 0.2773 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 181, 225) }
```

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

```
.background{ background-color: rgb(198,  
181, 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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