

Converting Colors

$Yxy(50.4165, 0.2892, 0.2743)$

Have a look what the booklet for
Yxy(50.4165, 0.2892, 0.2743)
contains.

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Color

Yxy(50.2513, 0.2889, 0.2737)

Conversions

Conversions Part 1

Format	Color
Hex	C3B5E4
RGB	195, 181, 228
RGB Percent	76%, 71%, 89%
CMY	0.2351, 0.2902, 0.1059
CMYK	0.14, 0.21, 0.00, 0.11
HSL	258°, 47%, 80%
HSV	258°, 21%, 89%
XYZ	53.0420, 50.2513, 80.3066
YIQ	190.5440, -6.7430, 17.5850

Conversions

Conversions Part 2

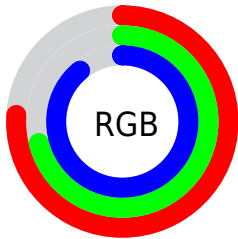
Format	Color
R _Y B	195, 181, 228
Decimal	12826084
CIE Lab	76.22, 14.14, -21.70
CIE LCh	76, 25.896, 303.091
Yxy	50.2513, 0.2889, 0.2737
Android (android.graphics.Color)	4291016164 (0xFFC3B5E4)
YUV	190.5440, 18.4658, 3.9079
Hunter-Lab	70.8882, 9.5083, -17.5458

Details

The Yxy color **50.2513, 0.2889, 0.2737** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **73.1149, 0.3334, 0.3820**, and the grayscale version is **51.7211, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.4838, 0.3116, 0.3116**, and **24.0796, 0.2826, 0.2602** is the 20% darker color. If you saturate the color by 10%, you get **39.7109, 0.2748, 0.2432**, and if you desaturate by 10%, it is **62.5411, 0.3013, 0.3019**.

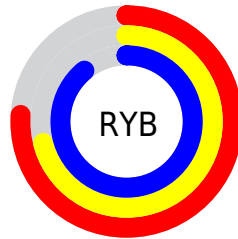
Distribution



Red (76%)

Green (71%)

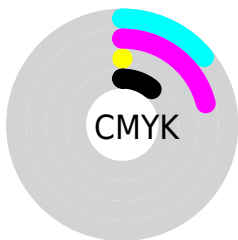
Blue (89%)



Red (76%)

Yellow (71%)

Blue (89%)

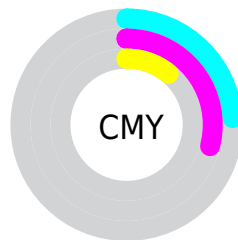


Cyan (14%)

Magenta (21%)

Yellow (0%)

Black (11%)



Cyan (24%)

Magenta (29%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 50.2513, 0.2889, 0.2737 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 50.2513, 0.2889, 0.2737 by changing the saturation by 10% instead.

■ 50.2513, 0.2889,
0.2737

■ 50.2513, 0.2889,
0.2737

387.6479, 0.3008,
0.3000

■ 35.6131, 0.2859,
0.2675

■ 90.5471, 0.2932,
0.2830

■ 24.1355, 0.2822,
0.2598

116.9735, 0.2949,
0.2865

■ 15.4342, 0.2772,
0.2499

148.0981, 0.2962,
0.2896

■ 9.1247, 0.2703,
0.2369

184.3053, 0.2974,
0.2922

■ 4.8226, 0.2603,
0.2188

225.9795, 0.2984,
0.2945

■ 2.1436, 0.2445,
0.1924

273.5050, 0.2993,

■ 0.6890, 0.2177,

0.2966

0.1485

327.2664, 0.3001,
0.2984

0.0000, 0.0000,
0.0000

50.2513, 0.2889,
0.2737

50.2513, 0.2889,
0.2737

39.7109, 0.2748,
0.2432

62.5411, 0.3013,
0.3019

30.8329, 0.2591,
0.2111

76.6495, 0.3121,
0.3275

23.5318, 0.2423,
0.1787

92.6498, 0.3213,
0.3504

17.7121, 0.2249,
0.1474

98.3818, 0.3286,
0.3552

13.2677, 0.2079,
0.1194

■ 10.0775, 0.1922,
0.0965

■ 7.9984, 0.1788,
0.0801

■ 6.8366, 0.1689,
0.0704

Harmonies

Analogous

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



50.2513, 0.2616, 0.2724



50.2513, 0.2889, 0.2737



50.2513, 0.3241, 0.2879

Triad

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



50.2513, 0.2889, 0.2737



50.2513, 0.3817, 0.3680



50.2513, 0.2684, 0.3455

Complementary

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



50.2513, 0.2889, 0.2737



73.1149, 0.3334, 0.3820

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.



50.2513, 0.2986, 0.3760



50.2513, 0.2889, 0.2737



50.2513, 0.3646, 0.3876

Square

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



50.2513, 0.2889, 0.2737



50.2513, 0.3794, 0.3403



50.2513, 0.3339, 0.3916



50.2513, 0.2503, 0.3116

Rectangle

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



50.2513, 0.2889, 0.2737



50.2513, 0.3475, 0.3029



50.2513, 0.3339, 0.3916



50.2513, 0.2774, 0.3567

Sweetspot

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



50.2534, 0.2889, 0.2737



88.6458, 0.3065, 0.3140



63.8649, 0.2810, 0.3133



18.7206, 0.3058, 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.



50.2534, 0.2889, 0.2737



58.3376, 0.2827, 0.2601



53.5229, 0.3069, 0.2766



14.0949, 0.3027, 0.3050



4.0012, 0.1703, 0.0712



0.3427, 0.1858, 0.0797

Inverse Universe

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



54.3910, 0.3262, 0.2925



64.6835, 0.3298, 0.2842



69.9254, 0.3171, 0.3848



14.5380, 0.3183, 0.3127



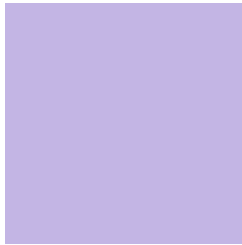
11.0084, 0.4139, 0.2054



0.8297, 0.3971, 0.1961

Previews

White Background



This preview shows how the Yxy color 50.2513, 0.2889, 0.2737 looks on a white background.

Color Contrast Check

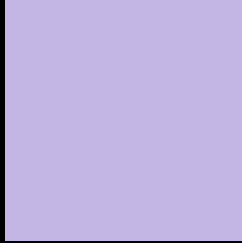
Large Text (above 18pt) WCAG AA × Fail

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 50.2513, 0.2889, 0.2737 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

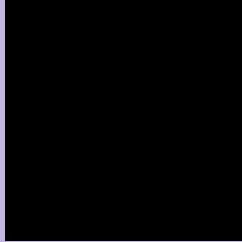
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.2513, 0.2889, 0.2737

Background



This preview shows how black text looks on a background with the Yxy color 50.2513, 0.2889, 0.2737.



This preview shows how white text looks on a background with the Yxy color 50.2513, 0.2889, 0.2737.

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

50.2513, 0.2889, 0.2737

Protanopia

50.2911, 0.2732, 0.2734

Deuteranopia

50.3918, 0.2836, 0.2775



Tritanopia

50.2820, 0.3046, 0.3104

Trichromacy



Original Color

50.2513, 0.2889, 0.2737

Protanomaly

50.2408, 0.2787, 0.2728

Deuteranomaly

50.3602, 0.2858, 0.2766

Tritanomaly

50.1906, 0.2988, 0.2962

Monochromacy



Original Color

50.2513, 0.2889, 0.2737

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

51.1067, 0.3039, 0.3082

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.2513, 0.2889, 0.2737 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(195, 181, 228)` looks like.

```
.text, #text, p{  
    color:rgb(195, 181, 228)  
}
```

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(195, 181, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 181, 228) }
```

Border

The CSS property to change the border of an element to Yxy 50.2513, 0.2889, 0.2737 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(195, 181, 228) }
```

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

```
.border{ border-color:rgb(195, 181, 228) }
```

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

Here you see how a box with a 4 pixel rgb(195, 181, 228) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 181, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 181, 228);  
box-shadow:4px 4px 4px 4px rgb(195, 181,  
228) }
```


Background

The CSS property to change the background color of an element to Yxy 50.2513, 0.2889, 0.2737 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 181, 228) }
```

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

```
.background{ background-color: rgb(195,  
181, 228) }
```

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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