

Converting Colors

$Y_{xy}(51.6775, 0.2759, 0.2624)$

Have a look what the booklet for
Yxy(51.6775, 0.2759, 0.2624)
contains.

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Color

Yxy(51.6389, 0.2760, 0.2619)

Conversions

Conversions Part 1

Format	Color
Hex	BEB8F2
RGB	190, 184, 242
RGB Percent	75%, 72%, 95%
CMY	0.2546, 0.2785, 0.0509
CMYK	0.21, 0.24, 0.00, 0.05
HSL	246°, 69%, 84%
HSV	246°, 24%, 95%
XYZ	54.4190, 51.6389, 91.1124
YIQ	192.4060, -15.0420, 19.3100

Conversions

Conversions Part 2

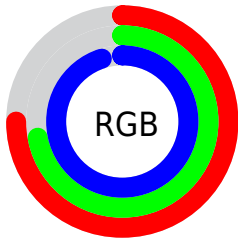
Format	Color
R _Y B	190, 184, 242
Decimal	12499186
CIE Lab	77.06, 14.04, -28.01
CIE LCh	77, 31.335, 296.628
Yxy	51.6389, 0.2760, 0.2619
Android (android.graphics.Color)	4290689266 (0xFFBEB8F2)
YUV	192.4060, 24.4498, -2.1101
Hunter-Lab	71.8602, 9.4208, -24.8723

Details

The Yxy color **51.6389, 0.2760, 0.2619** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **84.7882, 0.3447, 0.3898**, and the grayscale version is **52.8301, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.3143, 0.3082, 0.3144**, and **25.0120, 0.2660, 0.2452** is the 20% darker color. If you saturate the color by 10%, you get **39.8475, 0.2575, 0.2290**, and if you desaturate by 10%, it is **65.5686, 0.2927, 0.2921**.

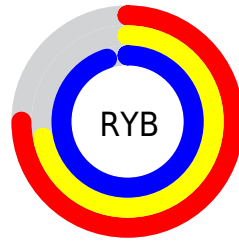
Distribution



Red (75%)

Green (72%)

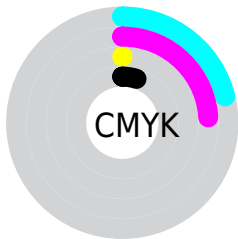
Blue (95%)



Red (75%)

Yellow (72%)

Blue (95%)

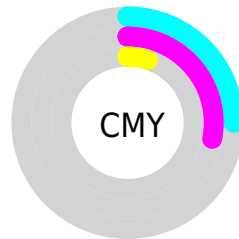


Cyan (21%)

Magenta (24%)

Yellow (0%)

Black (5%)



Cyan (25%)

Magenta (28%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 51.6389, 0.2760, 0.2619 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 51.6389, 0.2760, 0.2619 by changing the saturation by 10% instead.

■ 51.6389, 0.2760,
0.2619

■ 51.6389, 0.2760,
0.2619

■ 393.0410, 0.2941,
0.2935

■ 36.7173, 0.2716,
0.2546

■ 92.5985, 0.2825,
0.2729

■ 24.9887, 0.2661,
0.2456

■ 119.4053, 0.2850,
0.2772

■ 16.0686, 0.2588,
0.2341

■ 150.9426, 0.2871,
0.2809

■ 9.5727, 0.2491,
0.2192

■ 187.5948, 0.2889,
0.2841

■ 5.1166, 0.2353,
0.1989

■ 229.7464, 0.2904,
0.2869

■ 2.3158, 0.2146,
0.1703

■ 277.7817, 0.2918,

■ 0.7821, 0.1812,

0.2893

0.1276

332.0851, 0.2930,
0.2915

0.0000, 0.0190,
0.0000

0.0000, 0.0000,
0.0000

51.6389, 0.2760,
0.2619

51.6389, 0.2760,
0.2619

39.8475, 0.2575,
0.2290

65.5686, 0.2927,
0.2921

30.0825, 0.2376,
0.1944

81.7287, 0.3074,
0.3191

22.2310, 0.2172,
0.1597

99.1915, 0.3203,
0.3415

16.1669, 0.1975,
0.1272

■ 11.7486, 0.1800,
0.0994

■ 8.8130, 0.1660,
0.0786

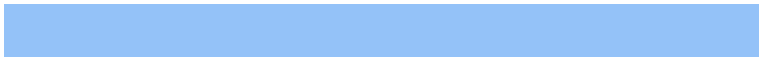
■ 7.1627, 0.1565,
0.0659

■ 6.6242, 0.1530,
0.0616

Harmonies

Analogous

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



51.6389, 0.2470, 0.2635



51.6389, 0.2760, 0.2619



51.6389, 0.3167, 0.2757

Triad

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



51.6389, 0.2760, 0.2619



51.6389, 0.3969, 0.3681



51.6389, 0.2664, 0.3576

Complementary

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



51.6389, 0.2760, 0.2619



84.7882, 0.3447, 0.3898

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.



51.6389, 0.3044, 0.3921



51.6389, 0.2760, 0.2619



51.6389, 0.3806, 0.3950

Square

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



51.6389, 0.2760, 0.2619



51.6389, 0.3891, 0.3343



51.6389, 0.3463, 0.4054



51.6389, 0.2417, 0.3159

Rectangle

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



51.6389, 0.2760, 0.2619



51.6389, 0.3455, 0.2918



51.6389, 0.3463, 0.4054



51.6389, 0.2779, 0.3707

Sweetspot

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



51.6410, 0.2760, 0.2619



86.2309, 0.3031, 0.3113



76.7103, 0.2768, 0.3224



18.2157, 0.3023, 0.3097



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.



51.6410, 0.2760, 0.2619



51.0852, 0.2668, 0.2454



55.7119, 0.2974, 0.2659



15.3083, 0.2996, 0.3047



3.5856, 0.1537, 0.0620



0.3246, 0.1616, 0.0664

Inverse Universe

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



59.2017, 0.3201, 0.2751



61.0570, 0.3220, 0.2635



80.2643, 0.3248, 0.3939



16.0011, 0.3154, 0.3081



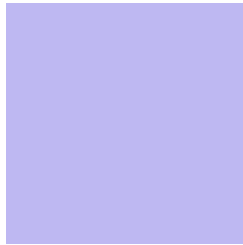
12.8316, 0.3493, 0.1698



1.0756, 0.3451, 0.1675

Previews

White Background



This preview shows how the Yxy color 51.6389, 0.2760, 0.2619 looks on a white background.

Color Contrast Check

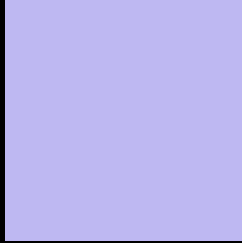
Large Text (above 18pt) WCAG AA × Fail

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 51.6389, 0.2760, 0.2619 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

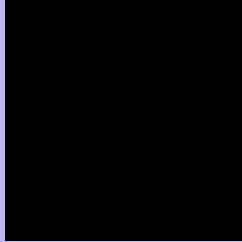
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.6389, 0.2760, 0.2619

Background



This preview shows how black text looks on a background with the Yxy color 51.6389, 0.2760, 0.2619.

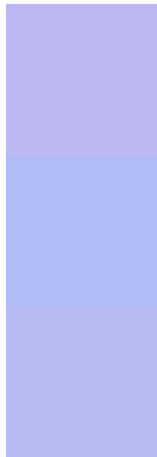


This preview shows how white text looks on a background with the Yxy color 51.6389, 0.2760, 0.2619.

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

51.6389, 0.2760, 0.2619

Protanopia

51.6730, 0.2641, 0.2617

Deuteranopia

51.8366, 0.2712, 0.2655



Tritanopia

51.7851, 0.2954, 0.3103

Trichromacy



Original Color

51.6389, 0.2760, 0.2619

Protanomaly

51.7756, 0.2680, 0.2622

Deuteranomaly

51.7830, 0.2732, 0.2647

Tritanomaly

51.5200, 0.2885, 0.2914

Monochromacy



Original Color

51.6389, 0.2760, 0.2619

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

52.1247, 0.2987, 0.3035

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.6389, 0.2760, 0.2619 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(190, 184, 242)` looks like.

```
.text, #text, p{  
    color:rgb(190, 184, 242)  
}
```

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(190, 184, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 184, 242) }
```

Border

The CSS property to change the border of an element to Yxy 51.6389, 0.2760, 0.2619 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(190, 184, 242) }
```

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

```
.border{ border-color:rgb(190, 184, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 184, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 184, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 184, 242);  
box-shadow:4px 4px 4px 4px rgb(190, 184,  
242) }
```


Background

The CSS property to change the background color of an element to Yxy 51.6389, 0.2760, 0.2619 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 184, 242) }
```

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

```
.background{ background-color: rgb(190,  
184, 242) }
```

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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