

Converting Colors

Yxy(51.3616, 0.2717, 0.2633)

Have a look what the booklet for
Yxy(51.3616, 0.2717, 0.2633)
contains.

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Color

Yxy(51.1161, 0.2717, 0.2632)

Conversions

Conversions Part 1

Format	Color
Hex	B7B9F1
RGB	183, 185, 241
RGB Percent	72%, 73%, 95%
CMY	0.2821, 0.2746, 0.0548
CMYK	0.24, 0.23, 0.00, 0.05
HSL	238°, 67%, 83%
HSV	238°, 24%, 95%
XYZ	52.7669, 51.1161, 90.3271
YIQ	190.7860, -19.1680, 16.9920

Conversions

Conversions Part 2

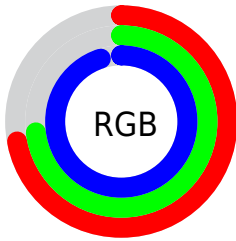
Format	Color
R_{YB}	183, 185, 241
Decimal	12040689
CIE _{Lab}	76.75, 11.16, -28.01
CIE _{LCh}	77, 30.152, 291.719
Yxy	51.1161, 0.2717, 0.2632
Android (android.graphics.Color)	4290230769 (0xFFB7B9F1)
YUV	190.7860, 24.7555, -6.8283
Hunter-Lab	71.4955, 6.6238, -24.8598

Details

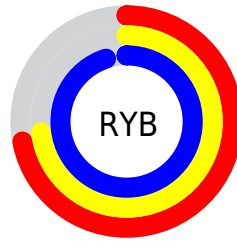
The Yxy color **51.1161, 0.2717, 0.2632** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **83.9174, 0.3495, 0.3873**, and the grayscale version is **51.8379, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.6559, 0.3037, 0.3152**, and **24.6724, 0.2606, 0.2467** is the 20% darker color. If you saturate the color by 10%, you get **39.4485, 0.2516, 0.2306**, and if you desaturate by 10%, it is **64.8913, 0.2901, 0.2929**.

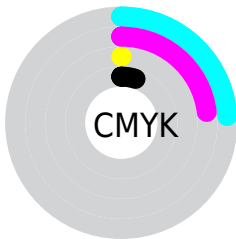
Distribution



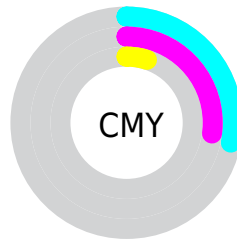
- Red (72%)
- Green (73%)
- Blue (95%)



- Red (72%)
- Yellow (73%)
- Blue (95%)



- Cyan (24%)
- Magenta (23%)
- Yellow (0%)
- Black (5%)



- Cyan (28%)
- Magenta (27%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 51.1161, 0.2717, 0.2632 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 51.1161, 0.2717, 0.2632 by changing the saturation by 10% instead.

■ 51.1161, 0.2717,
0.2632

■ 51.1161, 0.2717,
0.2632

391.0147, 0.2918,
0.2944

■ 36.3010, 0.2668,
0.2560

■ 91.8264, 0.2789,
0.2741

■ 24.6668, 0.2607,
0.2470

118.4903, 0.2816,
0.2783

■ 15.8290, 0.2527,
0.2355

149.8727, 0.2840,
0.2820

■ 9.4032, 0.2420,
0.2206

186.3579, 0.2860,
0.2851

■ 5.0051, 0.2270,
0.2002

228.3303, 0.2877,
0.2878

■ 2.2503, 0.2045,
0.1712

276.1743, 0.2893,

■ 0.7472, 0.1686,

0.2903

0.1272

330.2743, 0.2906,
0.2924

■ 0.0000, 0.0000,
0.0000

■ 51.1161, 0.2717,
0.2632

■ 51.1161, 0.2717,
0.2632

■ 39.4485, 0.2516,
0.2306

■ 64.8913, 0.2901,
0.2929

■ 29.7787, 0.2303,
0.1960

■ 80.8643, 0.3066,
0.3193

■ 21.9967, 0.2091,
0.1611

■ 99.0588, 0.3208,
0.3423

■ 15.9790, 0.1892,
0.1282

■ 99.1327, 0.3208,
0.3424

■ 11.5877, 0.1724,
0.0999

■ 8.6641, 0.1600,
0.0786

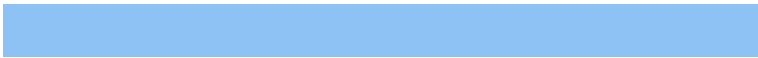
■ 7.0182, 0.1527,
0.0655

■ 6.5271, 0.1504,
0.0615

Harmonies

Analogous

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



51.1161, 0.2460, 0.2675



51.1161, 0.2717, 0.2632



51.1161, 0.3098, 0.2743

Triad

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



51.1161, 0.2717, 0.2632



51.1161, 0.3944, 0.3619



51.1161, 0.2733, 0.3629

Complementary

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



51.1161, 0.2717, 0.2632



83.9174, 0.3495, 0.3873

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.



51.1161, 0.3114, 0.3935



51.1161, 0.2717, 0.2632



51.1161, 0.3823, 0.3894

Square

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



51.1161, 0.2717, 0.2632



51.1161, 0.3830, 0.3288



51.1161, 0.3515, 0.4026



51.1161, 0.2468, 0.3229

Rectangle

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



51.1161, 0.2717, 0.2632



51.1161, 0.3377, 0.2887



51.1161, 0.3515, 0.4026



51.1161, 0.2851, 0.3749

Sweetspot

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



51.1181, 0.2717, 0.2632



86.2510, 0.3019, 0.3118



79.2400, 0.2782, 0.3310



18.2203, 0.3010, 0.3102



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.



51.1181, 0.2717, 0.2632



51.1295, 0.2617, 0.2471



53.9591, 0.2915, 0.2646



15.3131, 0.2979, 0.3054



3.5768, 0.1506, 0.0621



0.3271, 0.1521, 0.0676

Inverse Universe

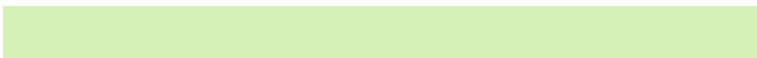
The Inverse Universe completely reimagines the original color for something new.



56.0970, 0.3614, 0.3270



57.7685, 0.3753, 0.3266



80.6418, 0.3301, 0.3930



15.7674, 0.3288, 0.3283



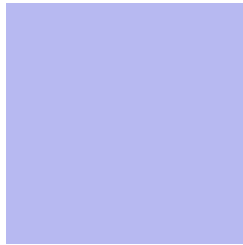
10.1544, 0.6365, 0.3280



0.8477, 0.6273, 0.3229

Previews

White Background



This preview shows how the Yxy color 51.1161, 0.2717, 0.2632 looks on a white background.

Color Contrast Check

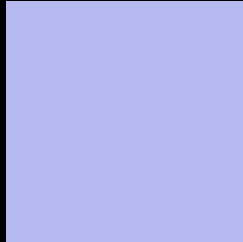
Large Text (above 18pt) WCAG AA × Fail

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 51.1161, 0.2717, 0.2632 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

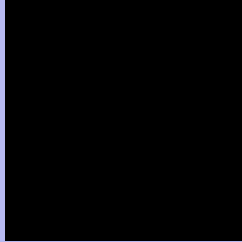
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.1161, 0.2717, 0.2632

Background



This preview shows how black text looks on a background with the Yxy color 51.1161, 0.2717, 0.2632.



This preview shows how white text looks on a background with the Yxy color 51.1161, 0.2717, 0.2632.

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

51.1161, 0.2717, 0.2632

Protanopia

51.1257, 0.2652, 0.2626

Deuteranopia

51.2924, 0.2704, 0.2642



Tritanopia

50.9479, 0.2901, 0.3100

Trichromacy



Original Color

51.1161, 0.2717, 0.2632

Protanomaly

50.9936, 0.2677, 0.2628

Deuteranomaly

51.4138, 0.2711, 0.2643

Tritanomaly

51.0934, 0.2834, 0.2921

Monochromacy



Original Color

51.1161, 0.2717, 0.2632

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

51.6900, 0.2971, 0.3045

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.1161, 0.2717, 0.2632 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(183, 185, 241)` looks like.

```
.text, #text, p{  
    color:rgb(183, 185, 241)  
}
```

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(183, 185, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 185, 241) }
```

Border

The CSS property to change the border of an element to Yxy 51.1161, 0.2717, 0.2632 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(183, 185, 241) }
```

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

```
.border{ border-color:rgb(183, 185, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 185, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 185, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 185, 241);  
box-shadow:4px 4px 4px 4px rgb(183, 185,  
241) }
```


Background

The CSS property to change the background color of an element to Yxy 51.1161, 0.2717, 0.2632 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 185, 241) }
```

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

```
.background{ background-color: rgb(183,  
185, 241) }
```

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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