

Converting Colors

$Yxy(51.0055, 0.2664, 0.2647)$

Have a look what the booklet for
Yxy(51.0055, 0.2664, 0.2647)
contains.

Yxy(51.0055, 0.2664, 0.2647)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(51.0055, 0.2664, 0.2647)

Conversions

Conversions Part 1

Format	Color
Hex	AFBBF1
RGB	175, 187, 241
RGB Percent	69%, 73%, 95%
CMY	0.3135, 0.2667, 0.0549
CMYK	0.27, 0.22, 0.00, 0.05
HSL	229°, 70%, 82%
HSV	229°, 27%, 95%
XYZ	51.3331, 51.0055, 90.3532
YIQ	189.5680, -24.4860, 14.2500

Conversions

Conversions Part 2

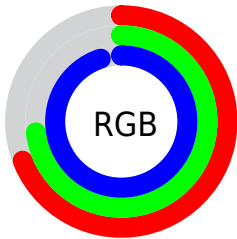
Format	Color
R_{YB}	175, 185, 241
Decimal	11516913
CIE Lab	76.68, 7.69, -28.15
CIE LCh	77, 29.177, 285.282
Yxy	51.0055, 0.2664, 0.2647
Android (android.graphics.Color)	4289706993 (0xFFAFBBF1)
YUV	189.5680, 25.3560, -12.7761
Hunter-Lab	71.4181, 3.3184, -25.0168

Details

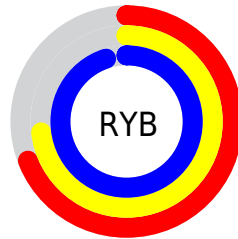
The Yxy color **51.0055, 0.2664, 0.2647** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **77.8616, 0.3572, 0.3860**, and the grayscale version is **51.0984, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.4770, 0.2987, 0.3170**, and **24.6179, 0.2539, 0.2484** is the 20% darker color. If you saturate the color by 10%, you get **40.6573, 0.2471, 0.2364**, and if you desaturate by 10%, it is **63.0059, 0.2846, 0.2906**.

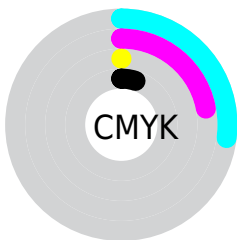
Distribution



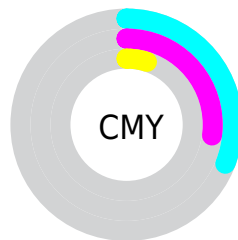
- Red (69%)
- Green (73%)
- Blue (95%)



- Red (69%)
- Yellow (73%)
- Blue (95%)



- Cyan (27%)
- Magenta (22%)
- Yellow (0%)
- Black (5%)



- Cyan (31%)
- Magenta (27%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 51.0055, 0.2664, 0.2647 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 51.0055, 0.2664, 0.2647 by changing the saturation by 10% instead.

■ 51.0055, 0.2664,
0.2647

■ 51.0055, 0.2664,
0.2647

■ 390.5852, 0.2890,
0.2953

■ 36.2130, 0.2610,
0.2575

■ 91.6629, 0.2745,
0.2755

■ 24.5987, 0.2542,
0.2486

■ 118.2966, 0.2775,
0.2796

■ 15.7784, 0.2453,
0.2373

■ 149.6461, 0.2801,
0.2832

■ 9.3674, 0.2335,
0.2224

■ 186.0959, 0.2824,
0.2862

■ 4.9816, 0.2170,
0.2020

■ 228.0302, 0.2844,
0.2889

■ 2.2365, 0.1927,
0.1728

■ 275.8337, 0.2861,

■ 0.7398, 0.1545,

0.2913

0.1282

329.8905, 0.2876,
0.2934

0.0000, 0.0000,
0.0000

51.0055, 0.2664,
0.2647

51.0055, 0.2664,
0.2647

40.6573, 0.2471,
0.2364

63.0059, 0.2846,
0.2906

31.8821, 0.2273,
0.2063

76.7209, 0.3014,
0.3137

24.6033, 0.2078,
0.1755

92.2171, 0.3166,
0.3341

18.7352, 0.1899,
0.1456

99.1305, 0.3209,
0.3425

14.1829, 0.1746,
0.1182

■ 10.8394, 0.1630,
0.0953

■ 8.5762, 0.1556,
0.0783

■ 8.1265, 0.1541,
0.0747

Harmonies

Analogous

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



51.0055, 0.2447, 0.2723



51.0055, 0.2664, 0.2647



51.0055, 0.3014, 0.2724

Triad

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



51.0055, 0.2664, 0.2647



51.0055, 0.3914, 0.3543



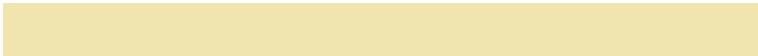
51.0055, 0.2818, 0.3694

Complementary

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



51.0055, 0.2664, 0.2647



77.8616, 0.3572, 0.3860

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.



51.0055, 0.3201, 0.3951



51.0055, 0.2664, 0.2647



51.0055, 0.3845, 0.3828

Square

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



51.0055, 0.2664, 0.2647



51.0055, 0.3755, 0.3221



51.0055, 0.3579, 0.3991



51.0055, 0.2530, 0.3314

Rectangle

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



51.0055, 0.2664, 0.2647



51.0055, 0.3283, 0.2849



51.0055, 0.3579, 0.3991



51.0055, 0.2940, 0.3800

Sweetspot

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



51.0075, 0.2664, 0.2647



86.1355, 0.3003, 0.3123



77.6782, 0.2791, 0.3427



17.9098, 0.2979, 0.3089



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.



51.0075, 0.2664, 0.2647



51.0186, 0.2554, 0.2487



48.7548, 0.2803, 0.2533



15.6918, 0.2980, 0.3091



4.5461, 0.1547, 0.0768



0.5071, 0.1607, 0.0986

Inverse Universe

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



52.9653, 0.3615, 0.3160



53.8784, 0.3758, 0.3132



81.2370, 0.3393, 0.4009



15.8056, 0.3265, 0.3247



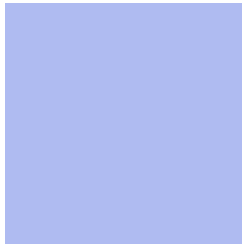
10.2523, 0.6122, 0.3146



0.8659, 0.5780, 0.2957

Previews

White Background



This preview shows how the Yxy color 51.0055, 0.2664, 0.2647 looks on a white background.

Color Contrast Check

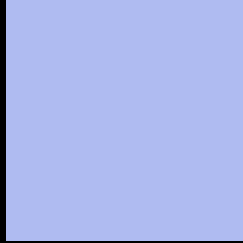
Large Text (above 18pt) WCAG AA × Fail

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 51.0055, 0.2664, 0.2647 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

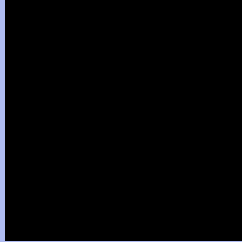
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.0055, 0.2664, 0.2647

Background



This preview shows how black text looks on a background with the Yxy color 51.0055, 0.2664, 0.2647.



This preview shows how white text looks on a background with the Yxy color 51.0055, 0.2664, 0.2647.

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

51.0055, 0.2664, 0.2647

Protanopia

51.0055, 0.2664, 0.2647

Deuteranopia

51.1720, 0.2697, 0.2641



Tritanopia

51.0188, 0.2830, 0.3098

Trichromacy



Original Color

51.0055, 0.2664, 0.2647

Protanomaly

51.0055, 0.2664, 0.2647

Deuteranomaly

50.9337, 0.2683, 0.2638

Tritanomaly

51.0868, 0.2771, 0.2928

Monochromacy



Original Color

51.0055, 0.2664, 0.2647

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

51.3129, 0.2948, 0.3043

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.0055, 0.2664, 0.2647 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(175, 187, 241)` looks like.

```
.text, #text, p{  
    color:rgb(175, 187, 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(175, 187, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 187, 241) }
```

Border

The CSS property to change the border of an element to Yxy 51.0055, 0.2664, 0.2647 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(175, 187, 241) }
```

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

```
.border{ border-color:rgb(175, 187, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 187, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 187, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 187, 241);  
box-shadow:4px 4px 4px 4px rgb(175, 187,  
241) }
```


Background

The CSS property to change the background color of an element to Yxy 51.0055, 0.2664, 0.2647 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 187, 241) }
```

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

```
.background{ background-color: rgb(175,  
187, 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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