

Converting Colors

Yxy(52.8631, 0.2858, 0.2933)

Have a look what the booklet for
Yxy(52.8631, 0.2858, 0.2933)
contains.

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Color

Yxy(52.6724, 0.2859, 0.2927)

Conversions

Conversions Part 1

Format	Color
Hex	B8BFDD
RGB	184, 191, 221
RGB Percent	72%, 75%, 87%
CMY	0.2783, 0.2510, 0.1335
CMYK	0.17, 0.14, 0.00, 0.13
HSL	229°, 35%, 79%
HSV	229°, 17%, 87%
XYZ	51.4487, 52.6724, 75.8324
YIQ	192.3270, -13.8020, 7.8460

Conversions

Conversions Part 2

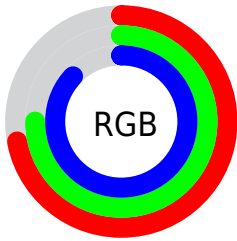
Format	Color
RYB	184, 190, 221
Decimal	12107741
CIELab	77.68, 3.69, -15.76
CIELCh	78, 16.188, 283.178
Yxy	52.6724, 0.2859, 0.2927
Android (android.graphics.Color)	4290297821 (0xFFB8BFDD)
YUV	192.3270, 14.1358, -7.3028
Hunter-Lab	72.5758, -0.4695, -11.1475

Details

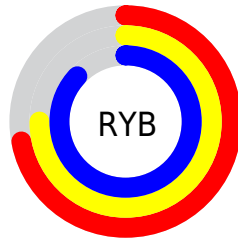
The Yxy color **52.6724, 0.2859, 0.2927** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **66.9113, 0.3390, 0.3629**, and the grayscale version is **52.8373, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.2668, 0.3036, 0.3211**, and **25.7554, 0.2790, 0.2837** is the 20% darker color. If you saturate the color by 10%, you get **42.8106, 0.2679, 0.2674**, and if you desaturate by 10%, it is **63.9212, 0.3025, 0.3153**.

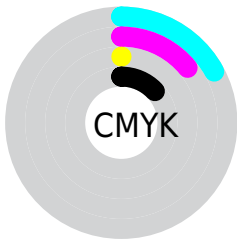
Distribution



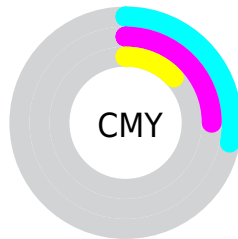
- Red (72%)
- Green (75%)
- Blue (87%)



- Red (72%)
- Yellow (75%)
- Blue (87%)



- Cyan (17%)
- Magenta (14%)
- Yellow (0%)
- Black (13%)



- Cyan (28%)
- Magenta (25%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.6724, 0.2859, 0.2927 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 52.6724, 0.2859, 0.2927 by changing the saturation by 10% instead.

■ 52.6724, 0.2859,
0.2927

■ 52.6724, 0.2859,
0.2927

■ 397.0270, 0.2990,
0.3102

■ 37.5413, 0.2827,
0.2885

■ 94.1221, 0.2906,
0.2989

■ 25.6269, 0.2787,
0.2832

■ 121.2096, 0.2924,
0.3013

■ 16.5447, 0.2735,
0.2764

■ 153.0512, 0.2939,
0.3033

■ 9.9104, 0.2664,
0.2672

■ 190.0315, 0.2952,
0.3051

■ 5.3396, 0.2562,
0.2543

■ 232.5349, 0.2963,
0.3066

■ 2.4479, 0.2404,
0.2346

■ 280.9456, 0.2973,

■ 0.8504, 0.2133,

0.3080

0.2017

335.6482, 0.2982,
0.3092

0.0000, 0.0000,
0.0000

52.6724, 0.2859,
0.2927

52.6724, 0.2859,
0.2927

42.8106, 0.2679,
0.2674

63.9212, 0.3025,
0.3153

34.2752, 0.2489,
0.2397

76.6017, 0.3175,
0.3353

27.0106, 0.2292,
0.2102

90.7643, 0.3309,
0.3527

20.9548, 0.2099,
0.1798

97.9983, 0.3328,
0.3622

16.0404, 0.1919,
0.1500

■ 12.1931, 0.1764,
0.1225

■ 9.3290, 0.1644,
0.0991

■ 7.3489, 0.1565,
0.0811

■ 6.8561, 0.1546,
0.0764

Harmonies

Analogous

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



52.6724, 0.2739, 0.2984



52.6724, 0.2859, 0.2927



52.6724, 0.3053, 0.2962

Triad

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



52.6724, 0.2859, 0.2927



52.6724, 0.3554, 0.3429



52.6724, 0.2974, 0.3519

Complementary

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



52.6724, 0.2859, 0.2927



66.9113, 0.3390, 0.3629

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.



52.6724, 0.3189, 0.3648



52.6724, 0.2859, 0.2927



52.6724, 0.3529, 0.3586

Square

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



52.6724, 0.2859, 0.2927



52.6724, 0.3459, 0.3245



52.6724, 0.3393, 0.3670



52.6724, 0.2803, 0.3324

Rectangle

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



52.6724, 0.2859, 0.2927



52.6724, 0.3201, 0.3031



52.6724, 0.3393, 0.3670



52.6724, 0.3043, 0.3572

Sweetspot

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



52.6746, 0.2859, 0.2927



91.2400, 0.3051, 0.3188



66.7180, 0.2920, 0.3377



19.2743, 0.3040, 0.3174



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.



52.6746, 0.2859, 0.2927



67.9659, 0.2799, 0.2843



51.1259, 0.2940, 0.2851



13.0133, 0.2981, 0.3094



4.1070, 0.1551, 0.0785



0.3847, 0.1631, 0.1072

Inverse Universe

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



53.4189, 0.3387, 0.3210



69.2821, 0.3453, 0.3193



68.8370, 0.3294, 0.3715



13.0915, 0.3262, 0.3246



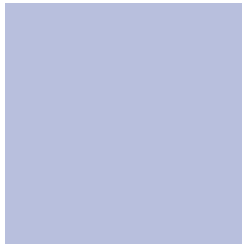
9.0384, 0.6094, 0.3131



0.5975, 0.5651, 0.2887

Previews

White Background



This preview shows how the Yxy color 52.6724, 0.2859, 0.2927 looks on a white background.

Color Contrast Check

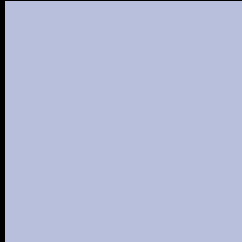
Large Text (above 18pt) WCAG AA × Fail

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 52.6724, 0.2859, 0.2927 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

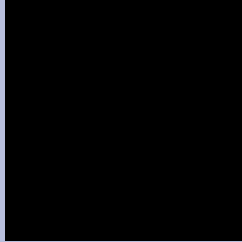
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

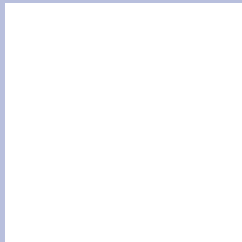
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 52.6724, 0.2859, 0.2927

Background



This preview shows how black text looks on a background with the Yxy color 52.6724, 0.2859, 0.2927.



This preview shows how white text looks on a background with the Yxy color 52.6724, 0.2859, 0.2927.

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

52.6724, 0.2859, 0.2927

Protanopia

52.5590, 0.2887, 0.2928

Deuteranopia

52.5503, 0.2941, 0.2876



Tritanopia

52.6391, 0.2933, 0.3104

Trichromacy



Original Color

52.6724, 0.2859, 0.2927

Protanomaly

52.4333, 0.2880, 0.2927

Deuteranomaly

52.4468, 0.2910, 0.2885

Tritanomaly

52.5706, 0.2906, 0.3032

Monochromacy



Original Color

52.6724, 0.2859, 0.2927

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

52.8299, 0.3022, 0.3155

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.6724, 0.2859, 0.2927 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(184, 191, 221)` looks like.

```
.text, #text, p{  
    color:rgb(184, 191, 221)  
}
```

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(184, 191, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 191, 221) }
```

Border

The CSS property to change the border of an element to Yxy 52.6724, 0.2859, 0.2927 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(184, 191, 221) }
```

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

```
.border{ border-color:rgb(184, 191, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 191, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 191, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 191, 221);  
box-shadow:4px 4px 4px 4px rgb(184, 191,  
221) }
```


Background

The CSS property to change the background color of an element to Yxy 52.6724, 0.2859, 0.2927 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 191, 221) }
```

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

```
.background{ background-color: rgb(184,  
191, 221) }
```

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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