

Converting Colors

Yxy(50.1189, 0.2836, 0.2814)

Have a look what the booklet for
Yxy(50.1189, 0.2836, 0.2814)
contains.

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Color

Yxy(50.2701, 0.2835, 0.2818)

Conversions

Conversions Part 1

Format	Color
Hex	B8B9E0
RGB	184, 185, 224
RGB Percent	72%, 73%, 88%
CMY	0.2783, 0.2745, 0.1216
CMYK	0.18, 0.17, 0.00, 0.12
HSL	239°, 39%, 80%
HSV	239°, 18%, 88%
XYZ	50.5734, 50.2701, 77.5458
YIQ	189.1470, -13.1150, 11.9170

Conversions

Conversions Part 2

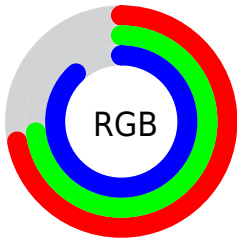
Format	Color
RYB	184, 185, 224
Decimal	12106208
CIELab	76.23, 7.60, -19.58
CIELCh	76, 21.004, 291.215
Yxy	50.2701, 0.2835, 0.2818
Android (android.graphics.Color)	4290296288 (0xFFB8B9E0)
YUV	189.1470, 17.1825, -4.5139
Hunter-Lab	70.9014, 3.2450, -15.2153

Details

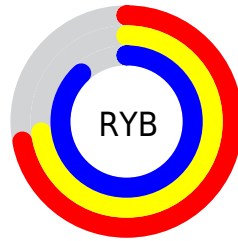
The Yxy color $50.2701, 0.2835, 0.2818$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $72.0887, 0.3396, 0.3722$, and the grayscale version is $50.8857, 0.3127, 0.3290$.

A 20% lighter version of the original color is $88.6559, 0.3037, 0.3152$, and $24.1924, 0.2757, 0.2692$ is the 20% darker color. If you saturate the color by 10%, you get $39.2693, 0.2644, 0.2508$, and if you desaturate by 10%, it is $63.1184, 0.3007, 0.3096$.

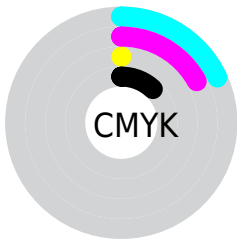
Distribution



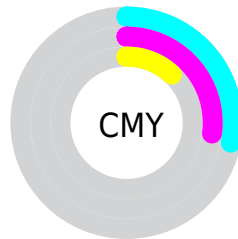
- Red (72%)
- Green (73%)
- Blue (88%)



- Red (72%)
- Yellow (73%)
- Blue (88%)



- Cyan (18%)
- Magenta (17%)
- Yellow (0%)
- Black (12%)



- Cyan (28%)
- Magenta (27%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 50.2701, 0.2835, 0.2818 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 50.2701, 0.2835, 0.2818 by changing the saturation by 10% instead.

■ 50.2701, 0.2835,
0.2818

■ 50.2701, 0.2835,
0.2818

■ 387.7213, 0.2979,
0.3045

■ 35.6281, 0.2800,
0.2764

■ 90.5749, 0.2887,
0.2899

■ 24.1471, 0.2755,
0.2696

■ 117.0065, 0.2907,
0.2929

■ 15.4428, 0.2696,
0.2608

■ 148.1368, 0.2923,
0.2956

■ 9.1307, 0.2615,
0.2491

■ 184.3500, 0.2938,
0.2979

■ 4.8265, 0.2500,
0.2326

■ 226.0307, 0.2950,
0.2998

■ 2.1458, 0.2319,
0.2080

■ 273.5632, 0.2961,

■ 0.6902, 0.2015,

0.3016

0.1653

327.3319, 0.2971,
0.3032

0.0000, 0.0000,
0.0000

50.2701, 0.2835,
0.2818

50.2701, 0.2835,
0.2818

39.2693, 0.2644,
0.2508

63.1184, 0.3007,
0.3096

30.0253, 0.2438,
0.2172

77.8870, 0.3158,
0.3340

22.4489, 0.2224,
0.1821

94.6525, 0.3290,
0.3552

16.4409, 0.2015,
0.1476

98.1609, 0.3310,
0.3592

11.8914, 0.1825,
0.1161

■ 8.6764, 0.1672,
0.0903

■ 6.6512, 0.1566,
0.0722

■ 5.6328, 0.1511,
0.0625

■ 5.4990, 0.1503,
0.0612

Harmonies

Analogous

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



50.2701, 0.2650, 0.2856



50.2701, 0.2835, 0.2818



50.2701, 0.3105, 0.2894

Triad

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



50.2701, 0.2835, 0.2818



50.2701, 0.3698, 0.3529



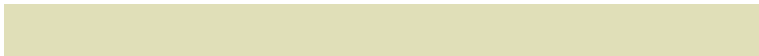
50.2701, 0.2856, 0.3529

Complementary

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



50.2701, 0.2835, 0.2818



72.0887, 0.3396, 0.3722

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.



50.2701, 0.3128, 0.3734



50.2701, 0.2835, 0.2818



50.2701, 0.3620, 0.3718

Square

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



50.2701, 0.2835, 0.2818



50.2701, 0.3614, 0.3292



50.2701, 0.3409, 0.3801



50.2701, 0.2661, 0.3258

Rectangle

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



50.2701, 0.2835, 0.2818



50.2701, 0.3300, 0.2999



50.2701, 0.3409, 0.3801



50.2701, 0.2941, 0.3609

Sweetspot

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



50.2722, 0.2835, 0.2818



89.9795, 0.3051, 0.3168



68.8050, 0.2867, 0.3305



18.9693, 0.3040, 0.3150



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.



50.2722, 0.2835, 0.2818



62.2941, 0.2774, 0.2719



52.3244, 0.2978, 0.2826



13.2963, 0.2981, 0.3053



3.2254, 0.1505, 0.0616



0.2427, 0.1518, 0.0663

Inverse Universe

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



53.6401, 0.3463, 0.3280



67.5433, 0.3542, 0.3278



69.7913, 0.3257, 0.3752



13.7059, 0.3288, 0.3285



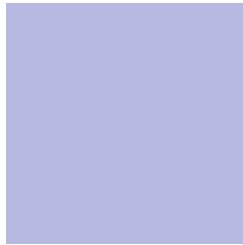
9.2336, 0.6374, 0.3285



0.6420, 0.6294, 0.3241

Previews

White Background



This preview shows how the Yxy color 50.2701, 0.2835, 0.2818 looks on a white background.

Color Contrast Check

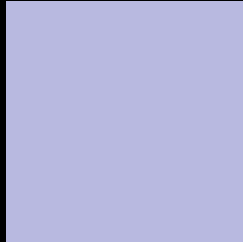
Large Text (above 18pt) WCAG AA × Fail

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 50.2701, 0.2835, 0.2818 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

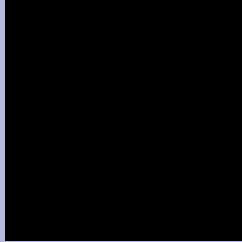
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.2701, 0.2835, 0.2818

Background



This preview shows how black text looks on a background with the Yxy color 50.2701, 0.2835, 0.2818.



This preview shows how white text looks on a background with the Yxy color 50.2701, 0.2835, 0.2818.

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

50.2701, 0.2835, 0.2818

Protanopia

50.2574, 0.2799, 0.2815

Deuteranopia

50.3542, 0.2864, 0.2810



Tritanopia

50.4581, 0.2945, 0.3101

Trichromacy



Original Color

50.2701, 0.2835, 0.2818

Protanomaly

50.3778, 0.2806, 0.2816

Deuteranomaly

50.2276, 0.2857, 0.2809

Tritanomaly

50.4933, 0.2903, 0.3004

Monochromacy



Original Color

50.2701, 0.2835, 0.2818

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

50.7955, 0.3014, 0.3116

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.2701, 0.2835, 0.2818 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, 185, 224)` looks like.

```
.text, #text, p{  
    color:rgb(184, 185, 224)  
}
```

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, 185, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 185, 224) }
```

Border

The CSS property to change the border of an element to Yxy 50.2701, 0.2835, 0.2818 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, 185, 224) }
```

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

```
.border{ border-color:rgb(184, 185, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 185, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 185, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 185, 224);  
box-shadow:4px 4px 4px 4px rgb(184, 185,  
224) }
```


Background

The CSS property to change the background color of an element to Yxy 50.2701, 0.2835, 0.2818 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 185, 224) }
```

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

```
.background{ background-color: rgb(184,  
185, 224) }
```

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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