

Converting Colors

$Y_{xy}(52.4761, 0.2924, 0.2820)$

Have a look what the booklet for
Yxy(52.4761, 0.2924, 0.2820)
contains.

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Color

Yxy(52.6146, 0.2928, 0.2822)

Conversions

Conversions Part 1

Format	Color
Hex	C6BAE2
RGB	198, 186, 226
RGB Percent	78%, 73%, 89%
CMY	0.2232, 0.2707, 0.1137
CMYK	0.12, 0.18, 0.00, 0.11
HSL	258°, 41%, 81%
HSV	258°, 18%, 89%
XYZ	54.5909, 52.6146, 79.2389
YIQ	194.1480, -5.6880, 14.9840

Conversions

Conversions Part 2

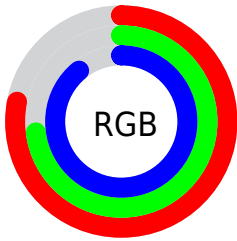
Format	Color
R _Y B	198, 186, 226
Decimal	13023970
CIE _{Lab}	77.65, 11.97, -18.44
CIE _{LCh}	78, 21.982, 302.995
Yxy	52.6146, 0.2928, 0.2822
Android (android.graphics.Color)	4291214050 (0xFFC6BAE2)
YUV	194.1480, 15.7030, 3.3782
Hunter-Lab	72.5359, 7.4022, -13.9938

Details

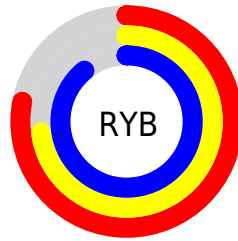
The Yxy color **52.6146, 0.2928, 0.2822** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **72.2280, 0.3304, 0.3742**, and the grayscale version is **53.9554, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.9843, 0.3133, 0.3165**, and **25.6446, 0.2870, 0.2702** is the 20% darker color. If you saturate the color by 10%, you get **41.8026, 0.2792, 0.2524**, and if you desaturate by 10%, it is **65.1603, 0.3047, 0.3096**.

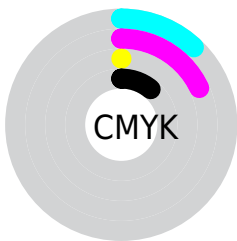
Distribution



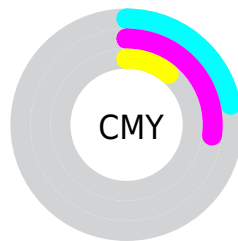
- Red (78%)
- Green (73%)
- Blue (89%)



- Red (78%)
- Yellow (73%)
- Blue (89%)



- Cyan (12%)
- Magenta (18%)
- Yellow (0%)
- Black (11%)



- Cyan (22%)
- Magenta (27%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.6146, 0.2928, 0.2822 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 52.6146, 0.2928, 0.2822 by changing the saturation by 10% instead.

■ 52.6146, 0.2928,
0.2822

■ 52.6146, 0.2928,
0.2822

■ 396.8047, 0.3027,
0.3045

■ 37.4952, 0.2904,
0.2770

■ 94.0370, 0.2964,
0.2900

■ 25.5911, 0.2873,
0.2705

■ 121.1088, 0.2977,
0.2930

■ 16.5180, 0.2832,
0.2621

■ 152.9335, 0.2989,
0.2956

■ 9.8915, 0.2776,
0.2510

■ 189.8956, 0.2999,
0.2979

■ 5.3270, 0.2694,
0.2356

■ 232.3793, 0.3007,
0.2998

■ 2.4404, 0.2567,
0.2129

■ 280.7692, 0.3015,

■ 0.8466, 0.2343,

0.3015

0.1766

335.4495, 0.3021,
0.3031

0.0000, 0.0425,
0.0000

0.0000, 0.0000,
0.0000

52.6146, 0.2928,
0.2822

52.6146, 0.2928,
0.2822

41.8026, 0.2792,
0.2524

65.1603, 0.3047,
0.3096

32.6401, 0.2641,
0.2207

79.5056, 0.3149,
0.3344

25.0462, 0.2476,
0.1882

95.7209, 0.3237,
0.3565

18.9297, 0.2304,
0.1565

98.2717, 0.3297,
0.3572

■ 14.1903, 0.2132,
0.1274

■ 10.7146, 0.1970,
0.1028

■ 8.3700, 0.1829,
0.0844

■ 6.9777, 0.1716,
0.0728

■ 6.7312, 0.1693,
0.0707

Harmonies

Analogous

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



52.6146, 0.2697, 0.2813



52.6146, 0.2928, 0.2822



52.6146, 0.3223, 0.2942

Triad

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



52.6146, 0.2928, 0.2822



52.6146, 0.3704, 0.3621



52.6146, 0.2756, 0.3429

Complementary

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



52.6146, 0.2928, 0.2822



72.2280, 0.3304, 0.3742

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.



52.6146, 0.3012, 0.3679



52.6146, 0.2928, 0.2822



52.6146, 0.3563, 0.3781

Square

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



52.6146, 0.2928, 0.2822



52.6146, 0.3683, 0.3389



52.6146, 0.3308, 0.3809



52.6146, 0.2601, 0.3149

Rectangle

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



52.6146, 0.2928, 0.2822



52.6146, 0.3417, 0.3070



52.6146, 0.3308, 0.3809



52.6146, 0.2833, 0.3521

Sweetspot

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



52.6168, 0.2928, 0.2822



90.4846, 0.3076, 0.3166



64.0230, 0.2854, 0.3149



19.0916, 0.3068, 0.3147



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.



52.6168, 0.2928, 0.2822



64.0519, 0.2883, 0.2722



55.5072, 0.3084, 0.2843



13.4431, 0.3027, 0.3051



3.8940, 0.1708, 0.0714



0.3157, 0.1874, 0.0806

Inverse Universe

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



56.1307, 0.3241, 0.2980



69.4647, 0.3267, 0.2918



69.4119, 0.3160, 0.3762



13.8614, 0.3184, 0.3128



10.6490, 0.4150, 0.2060



0.7538, 0.3970, 0.1961

Previews

White Background



This preview shows how the Yxy color 52.6146, 0.2928, 0.2822 looks on a white background.

Color Contrast Check

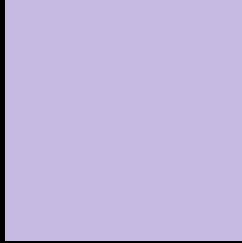
Large Text (above 18pt) WCAG AA × Fail

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 52.6146, 0.2928, 0.2822 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

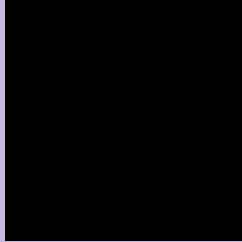
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.6146, 0.2928, 0.2822

Background



This preview shows how black text looks on a background with the Yxy color 52.6146, 0.2928, 0.2822.



This preview shows how white text looks on a background with the Yxy color 52.6146, 0.2928, 0.2822.

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

52.6146, 0.2928, 0.2822

Protanopia

52.6744, 0.2805, 0.2824

Deuteranopia

52.5010, 0.2897, 0.2830



Tritanopia

52.8368, 0.3055, 0.3108

Trichromacy



Original Color

52.6146, 0.2928, 0.2822

Protanomaly

52.8154, 0.2847, 0.2827

Deuteranomaly

52.6337, 0.2905, 0.2831

Tritanomaly

52.9351, 0.3005, 0.3003

Monochromacy



Original Color

52.6146, 0.2928, 0.2822

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

53.3199, 0.3048, 0.3109

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.6146, 0.2928, 0.2822 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(198, 186, 226)` looks like.

```
.text, #text, p{  
    color:rgb(198, 186, 226)  
}
```

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(198, 186, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 186, 226) }
```

Border

The CSS property to change the border of an element to Yxy 52.6146, 0.2928, 0.2822 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(198, 186, 226) }
```

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

```
.border{ border-color:rgb(198, 186, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 186, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 186, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 186, 226);  
box-shadow:4px 4px 4px 4px rgb(198, 186,  
226) }
```


Background

The CSS property to change the background color of an element to Yxy 52.6146, 0.2928, 0.2822 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 186, 226) }
```

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

```
.background{ background-color: rgb(198,  
186, 226) }
```

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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