

Converting Colors

$Y_{xy}(52.2385, 0.3060, 0.2993)$

Have a look what the booklet for
Yxy(52.2385, 0.3060, 0.2993)
contains.

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Color

Yxy(52.2385, 0.3060, 0.2993)

Conversions

Conversions Part 1

Format	Color
Hex	C9BAD3
RGB	201, 186, 211
RGB Percent	79%, 73%, 83%
CMY	0.2117, 0.2706, 0.1726
CMYK	0.05, 0.12, 0.00, 0.17
HSL	276°, 22%, 78%
HSV	276°, 12%, 83%
XYZ	53.4079, 52.2385, 68.8892
YIQ	193.3350, 0.9150, 10.9550

Conversions

Conversions Part 2

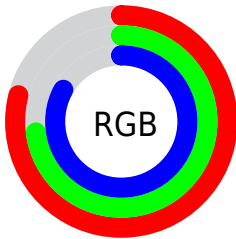
Format	Color
R _Y B	201, 186, 211
Decimal	13220563
CIE Lab	77.42, 9.91, -10.62
CIE LCh	77, 14.527, 313.016
Yxy	52.2385, 0.3060, 0.2993
Android (android.graphics.Color)	4291410643 (0xFFC9BAD3)
YUV	193.3350, 8.7088, 6.7222
Hunter-Lab	72.2762, 5.4177, -5.9182

Details

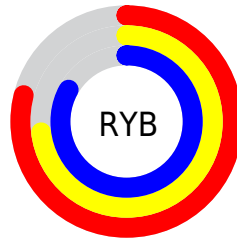
The Yxy color $52.2385, 0.3060, 0.2993$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $61.8598, 0.3187, 0.3591$, and the grayscale version is $53.4857, 0.3127, 0.3290$.

A 20% lighter version of the original color is $91.9843, 0.3133, 0.3165$, and $25.3784, 0.3045, 0.2925$ is the 20% darker color. If you saturate the color by 10%, you get $42.8632, 0.2992, 0.2724$, and if you desaturate by 10%, it is $62.9947, 0.3118, 0.3246$.

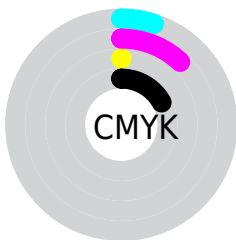
Distribution



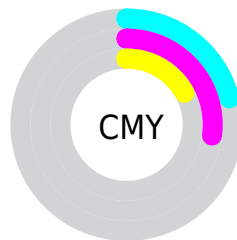
- Red (79%)
- Green (73%)
- Blue (83%)



- Red (79%)
- Yellow (73%)
- Blue (83%)



- Cyan (5%)
- Magenta (12%)
- Yellow (0%)
- Black (17%)




- Cyan (21%)
- Magenta (27%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.2385, 0.3060, 0.2993 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 52.2385, 0.3060, 0.2993 by changing the saturation by 10% instead.


 52.2385, 0.3060,
0.2993

 52.2385, 0.3060,
0.2993

395.3567, 0.3094,
0.3136

 37.1952, 0.3051,
0.2959


 93.4829, 0.3072,
0.3044

 25.3587, 0.3040,
0.2916


120.4528, 0.3077,
0.3063

 16.3445, 0.3026,
0.2861


152.1670, 0.3081,
0.3080

 9.7682, 0.3005,
0.2786

189.0099, 0.3084,
0.3094

 5.2456, 0.2974,
0.2680

231.3659, 0.3087,
0.3106

 2.3921, 0.2924,
0.2519

279.6195, 0.3090,


 0.8218, 0.2828,

0.3117


0.2243

334.1549, 0.3092,
0.3127


 0.0000, 0.0000,
0.0000


 52.2385, 0.3060,
0.2993


 52.2385, 0.3060,
0.2993


 42.8632, 0.2992,
0.2724


 62.9947, 0.3118,
0.3246

 34.8037, 0.2914,
0.2443


 75.1800, 0.3166,
0.3478


 27.9998, 0.2825,
0.2158

 88.8482, 0.3206,
0.3691

 22.3837, 0.2728,
0.1879

 93.8298, 0.3255,
0.3739

 17.8809, 0.2623,
0.1620

 95.2932, 0.3309,
0.3732

■ 14.4085, 0.2515,
0.1393

■ 96.8253, 0.3365,
0.3724

■ 11.8713, 0.2408,
0.1209

■ 97.4827, 0.3388,
0.3721

■ 10.1556, 0.2305,
0.1076

■ 9.2042, 0.2227,
0.1000

Harmonies

Analogous

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



52.2385, 0.2885, 0.2962



52.2385, 0.3060, 0.2993



52.2385, 0.3258, 0.3097

Triad

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



52.2385, 0.3060, 0.2993



52.2385, 0.3489, 0.3557



52.2385, 0.2836, 0.3322

Complementary

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



52.2385, 0.3060, 0.2993



61.8598, 0.3187, 0.3591

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.



52.2385, 0.2991, 0.3496



52.2385, 0.3060, 0.2993



52.2385, 0.3368, 0.3631

Square

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



52.2385, 0.3060, 0.2993



52.2385, 0.3510, 0.3416



52.2385, 0.3185, 0.3611



52.2385, 0.2759, 0.3145

Rectangle

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



52.2385, 0.3060, 0.2993



52.2385, 0.3376, 0.3195



52.2385, 0.3185, 0.3611



52.2385, 0.2880, 0.3383

Sweetspot

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



52.2407, 0.3060, 0.2993



92.9007, 0.3106, 0.3192



54.6192, 0.2943, 0.3107



19.6073, 0.3102, 0.3173



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.



52.2407, 0.3060, 0.2993



76.6992, 0.3045, 0.2932



53.5428, 0.3160, 0.3029



11.7641, 0.3075, 0.3056



5.6163, 0.2241, 0.1008



0.3595, 0.2417, 0.1105

Inverse Universe

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



52.9484, 0.3259, 0.3173



77.9935, 0.3288, 0.3149



60.6751, 0.3096, 0.3566



11.8852, 0.3229, 0.3198



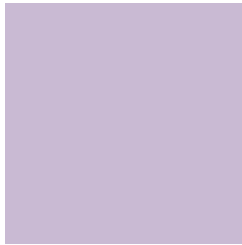
8.7643, 0.5367, 0.2730



0.5055, 0.4881, 0.2462

Previews

White Background



This preview shows how the Yxy color 52.2385, 0.3060, 0.2993 looks on a white background.

Color Contrast Check

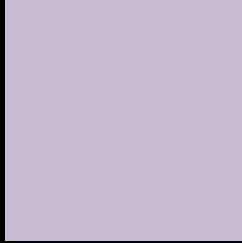
Large Text (above 18pt) WCAG AA × Fail

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 52.2385, 0.3060, 0.2993 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 52.2385, 0.3060, 0.2993

Background



This preview shows how black text looks on a background with the Yxy color 52.2385, 0.3060, 0.2993.



This preview shows how white text looks on a background with the Yxy color 52.2385, 0.3060, 0.2993.

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

52.2385, 0.3060, 0.2993

Protanopia

52.3224, 0.2943, 0.3010

Deuteranopia

52.2385, 0.3060, 0.2993



Tritanopia

52.0843, 0.3119, 0.3109

Trichromacy



Original Color

52.2385, 0.3060, 0.2993

Protanomaly

52.4861, 0.2989, 0.3012

Deuteranomaly

52.2385, 0.3060, 0.2993

Tritanomaly

52.2278, 0.3096, 0.3074

Monochromacy



Original Color

52.2385, 0.3060, 0.2993

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

52.7328, 0.3100, 0.3168

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.2385, 0.3060, 0.2993 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(201, 186, 211)` looks like.

```
.text, #text, p{  
    color:rgb(201, 186, 211)  
}
```

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(201, 186, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 186, 211) }
```

Border

The CSS property to change the border of an element to Yxy 52.2385, 0.3060, 0.2993 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(201, 186, 211) }
```

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

```
.border{ border-color:rgb(201, 186, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 186, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 186, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 186, 211);  
box-shadow:4px 4px 4px 4px rgb(201, 186,  
211) }
```


Background

The CSS property to change the background color of an element to Yxy 52.2385, 0.3060, 0.2993 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 186, 211) }
```

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

```
.background{ background-color: rgb(201,  
186, 211) }
```

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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