

Converting Colors

$Yxy(60.5394, 0.2981, 0.3245)$

Have a look what the booklet for
Yxy(60.5394, 0.2981, 0.3245)
contains.

Yxy(60.4052, 0.2982, 0.3242)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(60.4052, 0.2982, 0.3242)

Conversions

Conversions Part 1

Format	Color
Hex	BFCFD3
RGB	191, 207, 211
RGB Percent	75%, 81%, 83%
CMY	0.2509, 0.1882, 0.1726
CMYK	0.09, 0.02, 0.00, 0.17
HSL	192°, 18%, 79%
HSV	192°, 9%, 83%
XYZ	55.5609, 60.4052, 70.3547
YIQ	202.6720, -10.8200, -2.1480

Conversions

Conversions Part 2

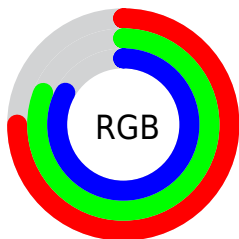
Format	Color
R_{YB}	191, 200, 211
Decimal	12570579
CIE Lab	82.06, -4.60, -3.84
CIE LCh	82, 5.989, 219.879
Yxy	60.4052, 0.2982, 0.3242
Android (android.graphics.Color)	4290760659 (0xFFBFCFD3)
YUV	202.6720, 4.1057, -10.2363
Hunter-Lab	77.7208, -8.4057, 0.7338

Details

The Yxy color `60.4052, 0.2982, 0.3242` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `56.6523, 0.3287, 0.3338`, and the grayscale version is `59.4872, 0.3127, 0.3290`.

A 20% lighter version of the original color is `98.5142, 0.3078, 0.3290`, and `30.5352, 0.2936, 0.3226` is the 20% darker color. If you saturate the color by 10%, you get `55.8466, 0.2831, 0.3187`, and if you desaturate by 10%, it is `65.4177, 0.3135, 0.3293`.

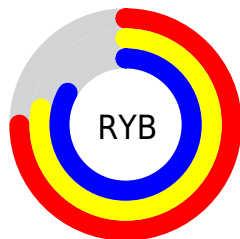
Distribution



Red (75%)

Green (81%)

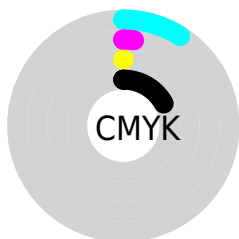
Blue (83%)



Red (75%)

Yellow (78%)

Blue (83%)

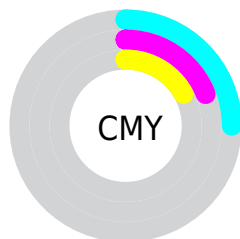


Cyan (9%)

Magenta (2%)

Yellow (0%)

Black (17%)



Cyan (25%)

Magenta (19%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.4052, 0.2982, 0.3242 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 60.4052, 0.2982, 0.3242 by changing the saturation by 10% instead.

■ 60.4052, 0.2982,
0.3242

■ 60.4052, 0.2982,
0.3242

426.0897, 0.3051,
0.3265

■ 43.7453, 0.2966,
0.3236

■ 105.4172, 0.3006,
0.3250

■ 30.4703, 0.2945,
0.3229

134.5382, 0.3016,
0.3254

■ 20.1959, 0.2919,
0.3220

168.5816, 0.3024,
0.3256

■ 12.5375, 0.2883,
0.3207

207.9319, 0.3031,
0.3259

■ 7.1108, 0.2834,
0.3189

252.9735, 0.3037,
0.3261

■ 3.5315, 0.2758,
0.3160

304.0907, 0.3042,

■ 1.4151, 0.2632,

0.3262

0.3110

361.6680, 0.3047,
0.3264

0.2278, 0.1230,
0.2684

0.0000, 0.0000,
0.0000

60.4052, 0.2982,
0.3242

60.4052, 0.2982,
0.3242

55.8466, 0.2831,
0.3187

65.4177, 0.3135,
0.3293

51.7172, 0.2687,
0.3126

70.8926, 0.3289,
0.3338

48.0010, 0.2551,
0.3062

76.8479, 0.3441,
0.3379

44.6781, 0.2427,
0.2994

79.2161, 0.3439,
0.3421

■ 41.7270, 0.2318,
0.2923

■ 81.5131, 0.3431,
0.3463

■ 39.1234, 0.2226,
0.2851

■ 83.8669, 0.3424,
0.3505

■ 36.8400, 0.2154,
0.2777

■ 86.2779, 0.3417,
0.3546

■ 34.8444, 0.2102,
0.2704

■ 88.7464, 0.3410,
0.3587

■ 33.0816, 0.2065,
0.2632

■ 91.2729, 0.3404,
0.3627

Harmonies

Analogous

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



60.4052, 0.3017, 0.3311



60.4052, 0.2982, 0.3242



60.4052, 0.2985, 0.3187

Triad

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



60.4052, 0.2982, 0.3242



60.4052, 0.3172, 0.3207



60.4052, 0.3229, 0.3422

Complementary

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



60.4052, 0.2982, 0.3242



56.6523, 0.3287, 0.3338

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.



60.4052, 0.3271, 0.3392



60.4052, 0.2982, 0.3242



60.4052, 0.3238, 0.3268

Square

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



60.4052, 0.2982, 0.3242



60.4052, 0.3094, 0.3168



60.4052, 0.3275, 0.3335



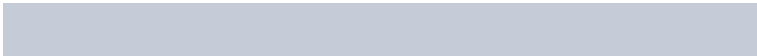
60.4052, 0.3159, 0.3416

Rectangle

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



60.4052, 0.2982, 0.3242



60.4052, 0.3008, 0.3165



60.4052, 0.3275, 0.3335



60.4052, 0.3247, 0.3416

Sweetspot

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



60.4077, 0.2982, 0.3242



97.6047, 0.3081, 0.3275



61.6071, 0.3089, 0.3483



20.7568, 0.3068, 0.3271



0.0000, 0.0000, 0.0000



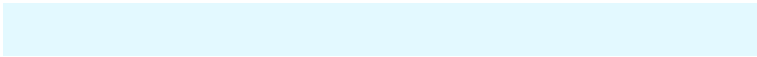
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



60.4077, 0.2982, 0.3242



91.5326, 0.2957, 0.3233



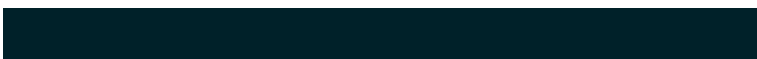
55.7237, 0.2981, 0.3121



12.9883, 0.2983, 0.3242



20.0583, 0.2067, 0.2639



1.2262, 0.2103, 0.2772

Inverse Universe

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



55.6270, 0.3168, 0.3105



83.0345, 0.3176, 0.3072



61.2760, 0.3274, 0.3453



11.9668, 0.3168, 0.3106



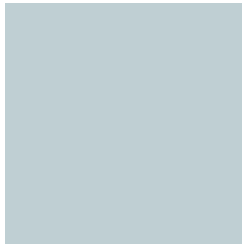
10.0962, 0.3786, 0.1859



0.5751, 0.3661, 0.1790

Previews

White Background



This preview shows how the Yxy color 60.4052, 0.2982, 0.3242 looks on a white background.

Color Contrast Check

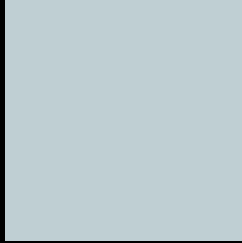
Large Text (above 18pt) WCAG AA × Fail

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 60.4052, 0.2982, 0.3242 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

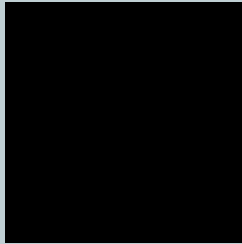
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

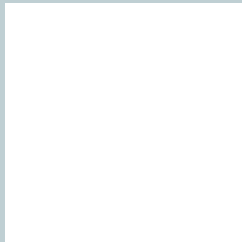
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.4052, 0.2982, 0.3242

Background



This preview shows how black text looks on a background with the Yxy color 60.4052, 0.2982, 0.3242.



This preview shows how white text looks on a background with the Yxy color 60.4052, 0.2982, 0.3242.

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

60.4052, 0.2982, 0.3242

Protanopia

60.3877, 0.3115, 0.3232

Deuteranopia

60.2523, 0.3182, 0.3122



Tritanopia

60.2740, 0.2923, 0.3091

Trichromacy



Original Color

60.4052, 0.2982, 0.3242

Protanomaly

60.2067, 0.3069, 0.3231

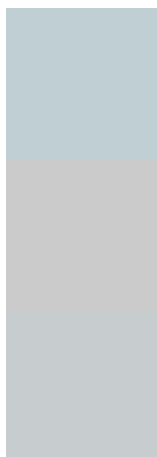
Deuteranomaly

60.0821, 0.3110, 0.3164

Tritanomaly

60.4110, 0.2943, 0.3148

Monochromacy



Original Color

60.4052, 0.2982, 0.3242

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

59.7841, 0.3075, 0.3266

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.4052, 0.2982, 0.3242 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(191, 207, 211)` looks like.

```
.text, #text, p{  
    color:rgb(191, 207, 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(191, 207, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 207, 211) }
```

Border

The CSS property to change the border of an element to Yxy 60.4052, 0.2982, 0.3242 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(191, 207, 211) }
```

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

```
.border{ border-color:rgb(191, 207, 211) }
```

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

Here you see how a box with a 4 pixel rgb(191, 207, 211) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 207, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 207, 211);  
box-shadow:4px 4px 4px 4px rgb(191, 207,  
211) }
```


Background

The CSS property to change the background color of an element to Yxy 60.4052, 0.2982, 0.3242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 207, 211) }
```

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

```
.background{ background-color: rgb(191,  
207, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor