

Converting Colors

$Yxy(60.6741, 0.3025, 0.3383)$

Have a look what the booklet for
Yxy(60.6741, 0.3025, 0.3383)
contains.

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Color

Yxy(60.5566, 0.3020, 0.3374)

Conversions

Conversions Part 1

Format	Color
Hex	BCD1CA
RGB	188, 209, 202
RGB Percent	74%, 82%, 79%
CMY	0.2627, 0.1804, 0.2078
CMYK	0.10, 0.00, 0.03, 0.18
HSL	160°, 19%, 78%
HSV	160°, 10%, 82%
XYZ	54.2030, 60.5566, 64.7205
YIQ	201.9230, -10.2690, -6.6290

Conversions

Conversions Part 2

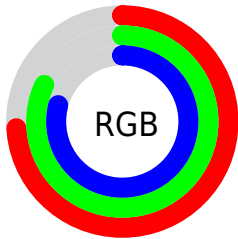
Format	Color
RYB	188, 201, 209
Decimal	12374474
CIELab	82.14, -8.38, 1.05
CIELCh	82, 8.447, 172.887
Yxy	60.5566, 0.3020, 0.3374
Android (android.graphics.Color)	4290564554 (0xFFBCD1CA)
YUV	201.9230, 0.0380, -12.2105
Hunter-Lab	77.8181, -11.8503, 5.1618

Details

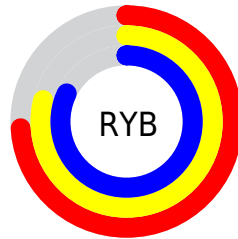
The Yxy color **60.5566, 0.3020, 0.3374** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.4647, 0.3247, 0.3208**, and the grayscale version is **59.0194, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.9731, 0.3060, 0.3290**, and **30.7317, 0.2996, 0.3403** is the 20% darker color. If you saturate the color by 10%, you get **57.7721, 0.2917, 0.3467**, and if you desaturate by 10%, it is **63.7454, 0.3127, 0.3290**.

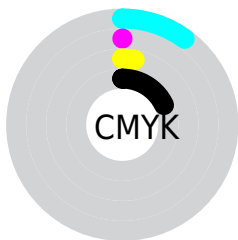
Distribution



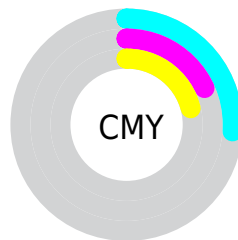
- Red (74%)
- Green (82%)
- Blue (79%)



- Red (74%)
- Yellow (79%)
- Blue (82%)



- Cyan (10%)
- Magenta (0%)
- Yellow (3%)
- Black (18%)





- Cyan (26%)
- Magenta (18%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.5566, 0.3020, 0.3374 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 60.5566, 0.3020, 0.3374 by changing the saturation by 10% instead.

 60.5566, 0.3020,
0.3374

 60.5566, 0.3020,
0.3374


426.6464, 0.3071,
0.3334

 43.8674, 0.3008,
0.3384

 105.6367, 0.3038,
0.3360

 30.5663, 0.2992,
0.3396


134.7963, 0.3045,
0.3354

 20.2688, 0.2973,
0.3411


168.8816, 0.3051,
0.3350

 12.5906, 0.2946,
0.3432

208.2770, 0.3056,
0.3346

 7.1472, 0.2908,
0.3463

253.3667, 0.3061,
0.3342

 3.5544, 0.2850,
0.3509

304.5353, 0.3065,

 1.4275, 0.2751,

0.3339

0.3589

362.1670, 0.3068,
0.3336

0.2369, 0.0464,
0.5357

0.0000, 0.0000,
0.0000

60.5566, 0.3020,
0.3374

60.5566, 0.3020,
0.3374

57.7721, 0.2917,
0.3467

63.7454, 0.3127,
0.3290

55.3677, 0.2821,
0.3568


67.3465, 0.3235,
0.3216


53.3279, 0.2735,
0.3678


71.3773, 0.3343,
0.3149

51.6337, 0.2662,
0.3795


72.5647, 0.3325,
0.3082


 50.2638, 0.2604,
0.3917

 72.9626, 0.3275,
0.3014


 49.1948, 0.2565,
0.4044


 73.3763, 0.3226,
0.2947

 48.3999, 0.2545,
0.4172

 73.8059, 0.3178,
0.2881

 47.8474, 0.2545,
0.4300

 74.0816, 0.3148,
0.2841

 47.4804, 0.2562,
0.4425

Harmonies

Analogous

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



60.5566, 0.3124, 0.3449



60.5566, 0.3020, 0.3374



60.5566, 0.2945, 0.3276

Triad

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



60.5566, 0.3020, 0.3374



60.5566, 0.3022, 0.3107



60.5566, 0.3341, 0.3391

Complementary

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



60.5566, 0.3020, 0.3374



53.4647, 0.3247, 0.3208

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.



60.5566, 0.3313, 0.3300



60.5566, 0.3020, 0.3374



60.5566, 0.3127, 0.3138

Square

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



60.5566, 0.3020, 0.3374



60.5566, 0.2946, 0.3123



60.5566, 0.3234, 0.3208



60.5566, 0.3310, 0.3457

Rectangle

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



60.5566, 0.3020, 0.3374



60.5566, 0.2921, 0.3212



60.5566, 0.3234, 0.3208



60.5566, 0.3338, 0.3362

Sweetspot

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



60.5592, 0.3020, 0.3374



98.4151, 0.3095, 0.3314



60.8356, 0.3168, 0.3544



20.9764, 0.3086, 0.3321



0.0000, 0.0000, 0.0000



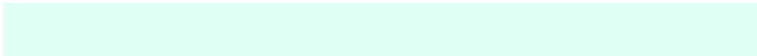
21.4041, 0.3127, 0.3290

Same Dimension

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



60.5592, 0.3020, 0.3374



94.0131, 0.2998, 0.3393



59.1992, 0.2973, 0.3247



13.3375, 0.3027, 0.3368



29.2935, 0.2557, 0.4406



1.6523, 0.2493, 0.4176

Inverse Universe

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



53.4647, 0.3247, 0.3208



80.7602, 0.3276, 0.3190



54.6695, 0.3298, 0.3332



11.8722, 0.3239, 0.3213



8.6430, 0.5627, 0.2873



0.4979, 0.5105, 0.2586

Previews

White Background



This preview shows how the Yxy color 60.5566, 0.3020, 0.3374 looks on a white background.

Color Contrast Check

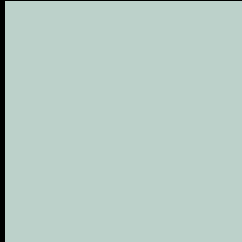
Large Text (above 18pt) WCAG AA × Fail

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 60.5566, 0.3020, 0.3374 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

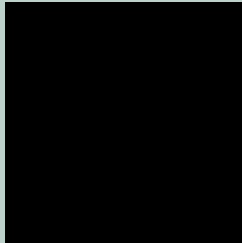
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

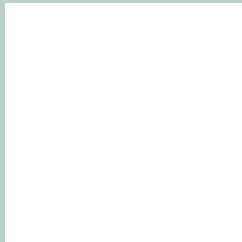
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.5566, 0.3020, 0.3374

Background



This preview shows how black text looks on a background with the Yxy color 60.5566, 0.3020, 0.3374.

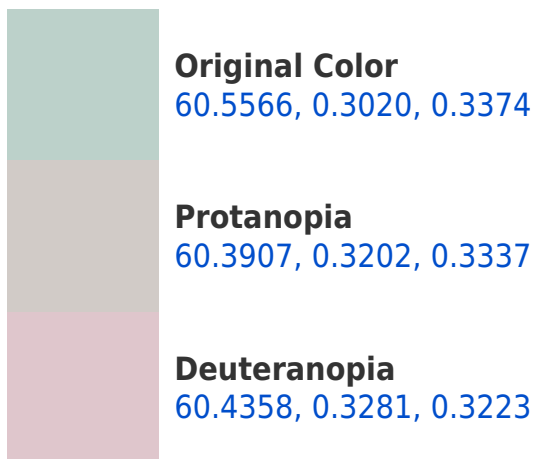


This preview shows how white text looks on a background with the Yxy color 60.5566, 0.3020, 0.3374.

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





Tritanopia

60.4929, 0.2909, 0.3102

Trichromacy



Original Color

60.5566, 0.3020, 0.3374

Protanomaly

60.2503, 0.3132, 0.3349

Deuteranomaly

60.2545, 0.3182, 0.3279

Tritanomaly

60.4791, 0.2948, 0.3195

Monochromacy



Original Color

60.5566, 0.3020, 0.3374

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

59.7972, 0.3088, 0.3326

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.5566, 0.3020, 0.3374 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(188, 209, 202)` looks like.

```
.text, #text, p{  
    color:rgb(188, 209, 202)  
}
```

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(188, 209, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 209, 202) }
```

Border

The CSS property to change the border of an element to Yxy 60.5566, 0.3020, 0.3374 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(188, 209, 202) }
```

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

```
.border{ border-color:rgb(188, 209, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 209, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 209, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 209, 202);  
box-shadow:4px 4px 4px 4px rgb(188, 209,  
202) }
```


Background

The CSS property to change the background color of an element to Yxy 60.5566, 0.3020, 0.3374 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 209, 202) }
```

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

```
.background{ background-color: rgb(188,  
209, 202) }
```

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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