

Converting Colors

Yxy(51.0951, 0.3046, 0.3206)

Have a look what the booklet for
Yxy(51.0951, 0.3046, 0.3206)
contains.

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Color

Yxy(51.2515, 0.3050, 0.3215)

Conversions

Conversions Part 1

Format	Color
Hex	BABEC4
RGB	186, 190, 196
RGB Percent	73%, 75%, 77%
CMY	0.2707, 0.2549, 0.2315
CMYK	0.05, 0.03, 0.00, 0.23
HSL	216°, 8%, 75%
HSV	216°, 5%, 77%
XYZ	48.6212, 51.2515, 59.5410
YIQ	189.4880, -4.3100, 1.0180

Conversions

Conversions Part 2

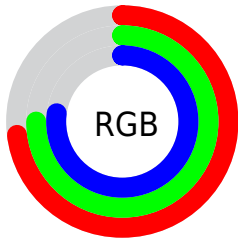
Format	Color
R _Y B	186, 189, 196
Decimal	12238532
CIE Lab	76.83, -0.25, -3.50
CIE LCh	77, 3.505, 265.883
Yxy	51.2515, 0.3050, 0.3215
Android (android.graphics.Color)	4290428612 (0xFFBABEC4)
YUV	189.4880, 3.2104, -3.0590
Hunter-Lab	71.5902, -4.0527, 0.8020

Details

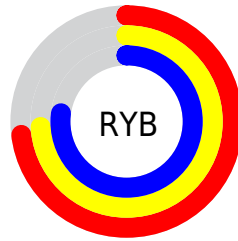
The Yxy color **51.2515, 0.3050, 0.3215** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.9532, 0.3205, 0.3364**, and the grayscale version is **51.1649, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.8806, 0.3061, 0.3221**, and **24.8309, 0.3033, 0.3205** is the 20% darker color. If you saturate the color by 10%, you get **44.1005, 0.2892, 0.3055**, and if you desaturate by 10%, it is **59.1500, 0.3199, 0.3358**.

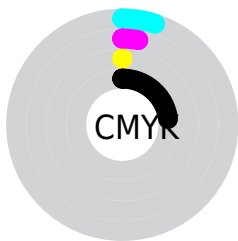
Distribution



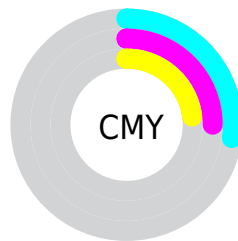
- Red (73%)
- Green (75%)
- Blue (77%)



- Red (73%)
- Yellow (74%)
- Blue (77%)



- Cyan (5%)
- Magenta (3%)
- Yellow (0%)
- Black (23%)



- Cyan (27%)
- Magenta (25%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 51.2515, 0.3050, 0.3215 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 51.2515, 0.3050, 0.3215 by changing the saturation by 10% instead.

■ 51.2515, 0.3050,
0.3215

■ 51.2515, 0.3050,
0.3215

391.5401, 0.3088,
0.3252

■ 36.4088, 0.3041,
0.3206

■ 92.0264, 0.3064,
0.3228

■ 24.7501, 0.3029,
0.3194

118.7274, 0.3069,
0.3233

■ 15.8910, 0.3013,
0.3179

150.1500, 0.3073,
0.3238

■ 9.4470, 0.2992,
0.3158

186.6785, 0.3077,
0.3241

■ 5.0339, 0.2960,
0.3127

228.6974, 0.3080,
0.3245

■ 2.2672, 0.2910,
0.3078

276.5911, 0.3083,

■ 0.7562, 0.2805,

0.3247

0.2977

330.7438, 0.3086,
0.3250

0.0000, 0.0000,
0.0000

51.2515, 0.3050,
0.3215

51.2515, 0.3050,
0.3215

44.1005, 0.2892,
0.3055

59.1500, 0.3199,
0.3358

37.6674, 0.2726,
0.2876

67.8115, 0.3337,
0.3484

31.9299, 0.2556,
0.2680

77.2593, 0.3466,
0.3594

26.8622, 0.2384,
0.2468

85.6922, 0.3516,
0.3700

22.4367, 0.2218,
0.2244

92.6787, 0.3491,
0.3810

■ 18.6233, 0.2062,
0.2013

■ 96.7646, 0.3478,
0.3870

■ 15.3892, 0.1923,
0.1783

■ 12.6977, 0.1808,
0.1562

■ 10.5059, 0.1721,
0.1358

Harmonies

Analogous

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



51.2515, 0.3035, 0.3241



51.2515, 0.3050, 0.3215



51.2515, 0.3086, 0.3209

Triad

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



51.2515, 0.3050, 0.3215



51.2515, 0.3211, 0.3299



51.2515, 0.3122, 0.3357

Complementary

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



51.2515, 0.3050, 0.3215



52.9532, 0.3205, 0.3364

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.



51.2515, 0.3169, 0.3372



51.2515, 0.3050, 0.3215



51.2515, 0.3220, 0.3339

Square

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



51.2515, 0.3050, 0.3215



51.2515, 0.3178, 0.3258



51.2515, 0.3205, 0.3366



51.2515, 0.3076, 0.3323

Rectangle

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



51.2515, 0.3050, 0.3215



51.2515, 0.3116, 0.3218



51.2515, 0.3205, 0.3366



51.2515, 0.3138, 0.3364

Sweetspot

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



51.2537, 0.3050, 0.3215



97.1191, 0.3097, 0.3261



53.7045, 0.3079, 0.3342



20.8178, 0.3098, 0.3262



0.0000, 0.0000, 0.0000



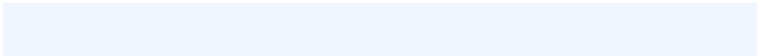
21.4041, 0.3127, 0.3290

Same Dimension

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



51.2537, 0.3050, 0.3215



91.5253, 0.3035, 0.3200



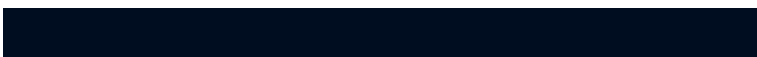
49.6357, 0.3058, 0.3164



10.8435, 0.3028, 0.3193



6.3168, 0.1692, 0.1291



0.4080, 0.1818, 0.1744

Inverse Universe

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



50.5609, 0.3179, 0.3240



90.0495, 0.3190, 0.3230



54.6361, 0.3195, 0.3413



10.6557, 0.3195, 0.3226



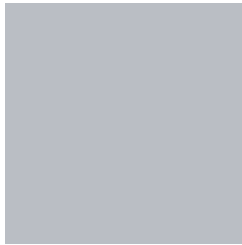
7.9199, 0.5339, 0.2715



0.3558, 0.4753, 0.2392

Previews

White Background



This preview shows how the Yxy color 51.2515, 0.3050, 0.3215 looks on a white background.

Color Contrast Check

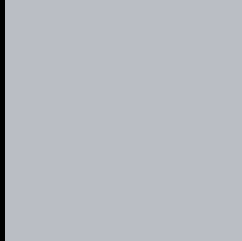
Large Text (above 18pt) WCAG AA × Fail

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 51.2515, 0.3050, 0.3215 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

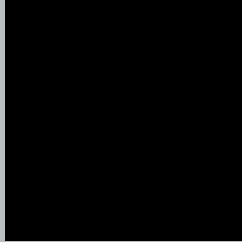
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

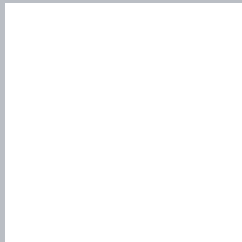
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 51.2515, 0.3050, 0.3215

Background



This preview shows how black text looks on a background with the Yxy color 51.2515, 0.3050, 0.3215.



This preview shows how white text looks on a background with the Yxy color 51.2515, 0.3050, 0.3215.

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

51.2515, 0.3050, 0.3215

Protanopia

50.9829, 0.3098, 0.3203

Deuteranopia

51.1496, 0.3193, 0.3134



Tritanopia

51.3196, 0.2999, 0.3104

Trichromacy



Original Color

51.2515, 0.3050, 0.3215

Protanomaly

51.1541, 0.3082, 0.3215

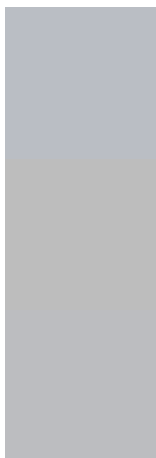
Deuteranomaly

51.0193, 0.3133, 0.3156

Tritanomaly

51.1770, 0.3021, 0.3141

Monochromacy



Original Color

51.2515, 0.3050, 0.3215

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

50.8923, 0.3096, 0.3252

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.2515, 0.3050, 0.3215 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(186, 190, 196)` looks like.

```
.text, #text, p{  
    color:rgb(186, 190, 196)  
}
```

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(186, 190, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 190, 196) }
```

Border

The CSS property to change the border of an element to Yxy 51.2515, 0.3050, 0.3215 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(186, 190, 196) }
```

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

```
.border{ border-color:rgb(186, 190, 196) }
```

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

Here you see how a box with a 4 pixel rgb(186, 190, 196) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 190, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 190, 196);  
box-shadow:4px 4px 4px 4px rgb(186, 190,  
196) }
```


Background

The CSS property to change the background color of an element to Yxy 51.2515, 0.3050, 0.3215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 190, 196) }
```

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

```
.background{ background-color: rgb(186,  
190, 196) }
```

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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