

Converting Colors

Yxy(51.5589, 0.3090, 0.3261)

Have a look what the booklet for
Yxy(51.5589, 0.3090, 0.3261)
contains.

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Color

Yxy(51.3685, 0.3088, 0.3252)

Conversions

Conversions Part 1

Format	Color
Hex	BCBEC1
RGB	188, 190, 193
RGB Percent	74%, 75%, 76%
CMY	0.2628, 0.2549, 0.2430
CMYK	0.03, 0.02, 0.00, 0.24
HSL	216°, 4%, 75%
HSV	216°, 3%, 76%
XYZ	48.7780, 51.3685, 57.8133
YIQ	189.7440, -2.1550, 0.5090

Conversions

Conversions Part 2

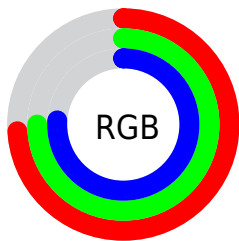
Format	Color
R _Y B	188, 189, 193
Decimal	12369601
CIE Lab	76.90, -0.13, -1.78
CIE LCh	77, 1.781, 265.927
Yxy	51.3685, 0.3088, 0.3252
Android (android.graphics.Color)	4290559681 (0xFFBCBEC1)
YUV	189.7440, 1.6052, -1.5295
Hunter-Lab	71.6718, -3.9433, 2.3447

Details

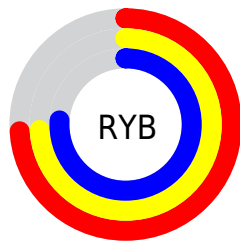
The Yxy color **51.3685, 0.3088, 0.3252** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.2380, 0.3167, 0.3328**, and the grayscale version is **51.3300, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.9842, 0.3097, 0.3260**, and **24.9357, 0.3075, 0.3239** is the 20% darker color. If you saturate the color by 10%, you get **44.2644, 0.2932, 0.3095**, and if you desaturate by 10%, it is **59.2031, 0.3234, 0.3391**.

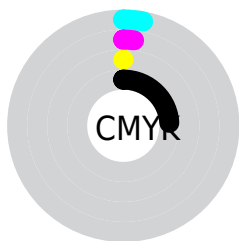
Distribution



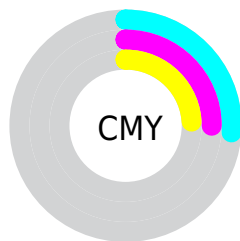
- Red (74%)
- Green (75%)
- Blue (76%)



- Red (74%)
- Yellow (74%)
- Blue (76%)



- Cyan (3%)
- Magenta (2%)
- Yellow (0%)
- Black (24%)



- Cyan (26%)
- Magenta (25%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 51.3685, 0.3088, 0.3252 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 51.3685, 0.3088, 0.3252 by changing the saturation by 10% instead.

■ 51.3685, 0.3088,
0.3252

■ 51.3685, 0.3088,
0.3252

391.9938, 0.3107,
0.3271

■ 36.5020, 0.3083,
0.3247

■ 92.1992, 0.3095,
0.3259

■ 24.8221, 0.3077,
0.3242

118.9322, 0.3098,
0.3261

■ 15.9446, 0.3069,
0.3234

150.3895, 0.3100,
0.3264

■ 9.4849, 0.3058,
0.3223

186.9555, 0.3102,
0.3265

■ 5.0588, 0.3042,
0.3207

229.0145, 0.3103,
0.3267

■ 2.2818, 0.3017,
0.3182

276.9509, 0.3105,

■ 0.7641, 0.2960,

0.3268

0.3127

331.1492, 0.3106,
0.3270

0.0000, 0.0000,
0.0000

51.3685, 0.3088,
0.3252

51.3685, 0.3088,
0.3252

44.2644, 0.2932,
0.3095

59.2031, 0.3234,
0.3391

37.8620, 0.2768,
0.2921

67.7827, 0.3370,
0.3513

32.1403, 0.2599,
0.2728

77.1297, 0.3495,
0.3621

27.0746, 0.2427,
0.2519

85.2776, 0.3537,
0.3726

22.6385, 0.2258,
0.2297

92.1716, 0.3511,
0.3834

■ 18.8036, 0.2099,
0.2066

■ 96.6316, 0.3496,
0.3899

■ 15.5388, 0.1955,
0.1835

■ 12.8096, 0.1833,
0.1610

■ 10.5764, 0.1738,
0.1400

Harmonies

Analogous

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



51.3685, 0.3080, 0.3265



51.3685, 0.3088, 0.3252



51.3685, 0.3106, 0.3249

Triad

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



51.3685, 0.3088, 0.3252



51.3685, 0.3169, 0.3295



51.3685, 0.3124, 0.3324

Complementary

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



51.3685, 0.3088, 0.3252



52.2380, 0.3167, 0.3328

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.



51.3685, 0.3148, 0.3332



51.3685, 0.3088, 0.3252



51.3685, 0.3174, 0.3315

Square

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



51.3685, 0.3088, 0.3252



51.3685, 0.3153, 0.3274



51.3685, 0.3167, 0.3328



51.3685, 0.3101, 0.3307

Rectangle

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



51.3685, 0.3088, 0.3252



51.3685, 0.3122, 0.3253



51.3685, 0.3167, 0.3328



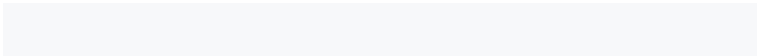
51.3685, 0.3133, 0.3328

Sweetspot

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



51.3707, 0.3088, 0.3252



94.1250, 0.3112, 0.3275



52.6014, 0.3102, 0.3316



20.2079, 0.3113, 0.3276



97.7402, 0.3127, 0.3290



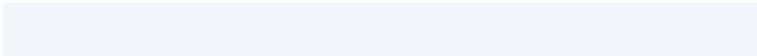
20.4902, 0.3127, 0.3290

Same Dimension

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



51.3707, 0.3088, 0.3252



91.3944, 0.3081, 0.3246



50.5553, 0.3092, 0.3227



11.2978, 0.3071, 0.3235



6.2640, 0.1690, 0.1282



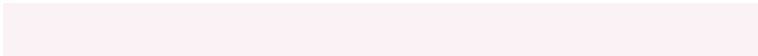
0.4055, 0.1816, 0.1736

Inverse Universe

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



51.0200, 0.3153, 0.3265



90.6673, 0.3158, 0.3261



53.0698, 0.3162, 0.3353



11.1873, 0.3165, 0.3254



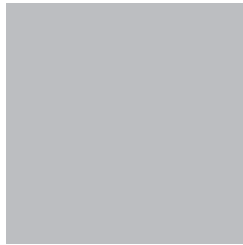
7.9146, 0.5351, 0.2721



0.3556, 0.4762, 0.2397

Previews

White Background



This preview shows how the Yxy color 51.3685, 0.3088, 0.3252 looks on a white background.

Color Contrast Check

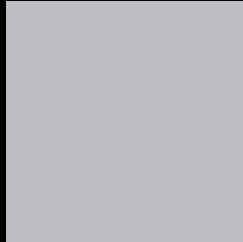
Large Text (above 18pt) WCAG AA × Fail

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 51.3685, 0.3088, 0.3252 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

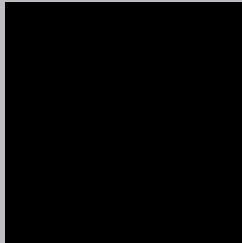
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.3685, 0.3088, 0.3252

Background



This preview shows how black text looks on a background with the Yxy color 51.3685, 0.3088, 0.3252.

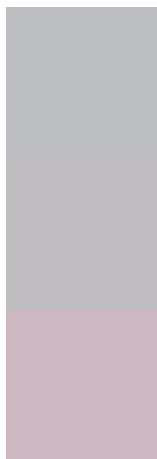


This preview shows how white text looks on a background with the Yxy color 51.3685, 0.3088, 0.3252.

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

51.3685, 0.3088, 0.3252

Protanopia

51.4074, 0.3129, 0.3253

Deuteranopia

51.2978, 0.3234, 0.3170



Tritanopia

51.2254, 0.3031, 0.3105

Trichromacy



Original Color

51.3685, 0.3088, 0.3252

Protanomaly

51.2773, 0.3121, 0.3253

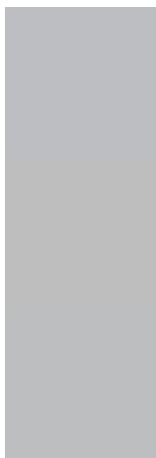
Deuteranomaly

51.1550, 0.3173, 0.3192

Tritanomaly

51.3375, 0.3052, 0.3166

Monochromacy



Original Color

51.3685, 0.3088, 0.3252

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

51.4073, 0.3111, 0.3277

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.3685, 0.3088, 0.3252 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, 190, 193)` looks like.

```
.text, #text, p{  
    color:rgb(188, 190, 193)  
}
```

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, 190, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 190, 193) }
```

Border

The CSS property to change the border of an element to Yxy 51.3685, 0.3088, 0.3252 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, 190, 193) }
```

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

```
.border{ border-color:rgb(188, 190, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 190, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 190, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 190, 193);  
box-shadow:4px 4px 4px 4px rgb(188, 190,  
193) }
```


Background

The CSS property to change the background color of an element to Yxy 51.3685, 0.3088, 0.3252 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 190, 193) }
```

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

```
.background{ background-color: rgb(188,  
190, 193) }
```

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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