

Converting Colors

Yxy(51.4304, 0.3095, 0.3207)

Have a look what the booklet for
Yxy(51.4304, 0.3095, 0.3207)
contains.

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Color

Yxy(51.4571, 0.3091, 0.3203)

Conversions

Conversions Part 1

Format	Color
Hex	BFBD C4
RGB	191, 189, 196
RGB Percent	75%, 74%, 77%
CMY	0.2507, 0.2589, 0.2314
CMYK	0.03, 0.04, 0.00, 0.23
HSL	258°, 6%, 75%
HSV	258°, 4%, 77%
XYZ	49.6578, 51.4571, 59.5379
YIQ	190.3960, -1.0550, 2.6010

Conversions

Conversions Part 2

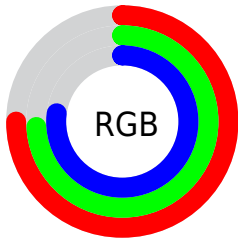
Format	Color
R_{YB}	191, 189, 196
Decimal	12565956
CIE Lab	76.96, 2.04, -3.28
CIE LCh	77, 3.860, 301.835
Yxy	51.4571, 0.3091, 0.3203
Android (android.graphics.Color)	4290756036 (0xFFBFBDC4)
YUV	190.3960, 2.7628, 0.5297
Hunter-Lab	71.7336, -1.9667, 1.0036

Details

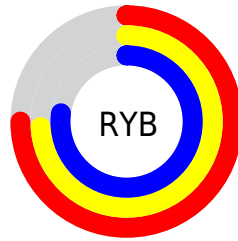
The Yxy color $51.4571, 0.3091, 0.3203$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $54.6125, 0.3163, 0.3376$, and the grayscale version is $51.7224, 0.3127, 0.3290$.

A 20% lighter version of the original color is $92.1708, 0.3092, 0.3212$, and $24.9646, 0.3088, 0.3190$ is the 20% darker color. If you saturate the color by 10%, you get $41.8824, 0.2979, 0.2942$, and if you desaturate by 10%, it is $62.3445, 0.3187, 0.3438$.

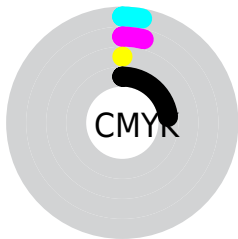
Distribution



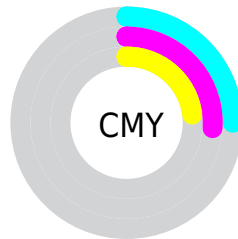
- Red (75%)
- Green (74%)
- Blue (77%)



- Red (75%)
- Yellow (74%)
- Blue (77%)



- Cyan (3%)
- Magenta (4%)
- Yellow (0%)
- Black (23%)



- Cyan (25%)
- Magenta (26%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 51.4571, 0.3091, 0.3203 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 51.4571, 0.3091, 0.3203 by changing the saturation by 10% instead.

■ 51.4571, 0.3091,
0.3203

■ 51.4571, 0.3091,
0.3203

392.3371, 0.3109,
0.3246

■ 36.5725, 0.3087,
0.3193

■ 92.3301, 0.3097,
0.3218

■ 24.8767, 0.3081,
0.3179

119.0873, 0.3100,
0.3224

■ 15.9852, 0.3074,
0.3162

150.5708, 0.3102,
0.3229

■ 9.5137, 0.3063,
0.3138

187.1650, 0.3104,
0.3233

■ 5.0777, 0.3048,
0.3104

229.2544, 0.3105,
0.3237

■ 2.2929, 0.3024,
0.3048

277.2233, 0.3107,

■ 0.7700, 0.2980,

0.3240

0.2936

331.4560, 0.3108,
0.3243

0.0000, 0.0000,
0.0000

51.4571, 0.3091,
0.3203

51.4571, 0.3091,
0.3203

41.8824, 0.2979,
0.2942

62.3445, 0.3187,
0.3438

33.5637, 0.2851,
0.2655

74.5853, 0.3269,
0.3646

26.4500, 0.2706,
0.2348

88.2266, 0.3339,
0.3830

20.4841, 0.2546,
0.2027

95.1516, 0.3420,
0.3881

15.6042, 0.2377,
0.1707

96.7655, 0.3478,
0.3870

■ 11.7425, 0.2204,
0.1403

■ 8.8233, 0.2037,
0.1135

■ 6.7598, 0.1886,
0.0921

■ 5.4484, 0.1760,
0.0773

Harmonies

Analogous

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



51.4571, 0.3048, 0.3204



51.4571, 0.3091, 0.3203



51.4571, 0.3144, 0.3224

Triad

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



51.4571, 0.3091, 0.3203



51.4571, 0.3228, 0.3351



51.4571, 0.3063, 0.3317

Complementary

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



51.4571, 0.3091, 0.3203



54.6125, 0.3163, 0.3376

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.



51.4571, 0.3110, 0.3357



51.4571, 0.3091, 0.3203



51.4571, 0.3206, 0.3376

Square

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



51.4571, 0.3091, 0.3203



51.4571, 0.3223, 0.3309



51.4571, 0.3163, 0.3379



51.4571, 0.3032, 0.3270

Rectangle

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



51.4571, 0.3091, 0.3203



51.4571, 0.3177, 0.3249



51.4571, 0.3163, 0.3379



51.4571, 0.3077, 0.3332

Sweetspot

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



51.4593, 0.3091, 0.3203



98.0446, 0.3117, 0.3266



53.3917, 0.3073, 0.3265



21.0062, 0.3118, 0.3267



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.



51.4593, 0.3091, 0.3203



92.3263, 0.3086, 0.3191



51.9082, 0.3119, 0.3204



10.8777, 0.3079, 0.3176



3.1763, 0.1705, 0.0713



0.1739, 0.1961, 0.0854

Inverse Universe

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



52.0172, 0.3147, 0.3229



93.4713, 0.3150, 0.3221



54.1653, 0.3135, 0.3377



11.0345, 0.3153, 0.3211



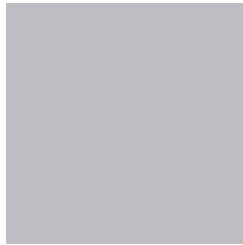
8.7372, 0.4117, 0.2042



0.3891, 0.3870, 0.1905

Previews

White Background



This preview shows how the Yxy color 51.4571, 0.3091, 0.3203 looks on a white background.

Color Contrast Check

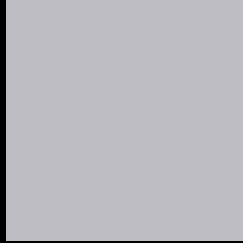
Large Text (above 18pt) WCAG AA × Fail

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 51.4571, 0.3091, 0.3203 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

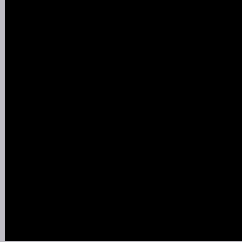
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

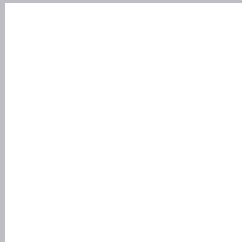
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 51.4571, 0.3091, 0.3203

Background



This preview shows how black text looks on a background with the Yxy color 51.4571, 0.3091, 0.3203.

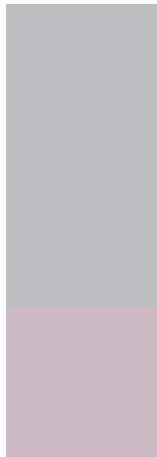


This preview shows how white text looks on a background with the Yxy color 51.4571, 0.3091, 0.3203.

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

51.4571, 0.3091, 0.3203

Protanopia

51.4571, 0.3091, 0.3203

Deuteranopia

51.2913, 0.3202, 0.3134



Tritanopia

51.4847, 0.3047, 0.3106

Trichromacy



Original Color

51.4571, 0.3091, 0.3203

Protanomaly

51.4571, 0.3091, 0.3203

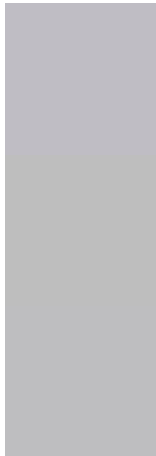
Deuteranomaly

51.4284, 0.3158, 0.3157

Tritanomaly

51.3430, 0.3069, 0.3142

Monochromacy



Original Color

51.4571, 0.3091, 0.3203

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

51.5798, 0.3112, 0.3265

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.4571, 0.3091, 0.3203 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, 189, 196)` looks like.

```
.text, #text, p{  
    color:rgb(191, 189, 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(191, 189, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 189, 196) }
```

Border

The CSS property to change the border of an element to Yxy 51.4571, 0.3091, 0.3203 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, 189, 196) }
```

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

```
.border{ border-color:rgb(191, 189, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 189, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 189, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 189, 196);  
box-shadow:4px 4px 4px 4px rgb(191, 189,  
196) }
```


Background

The CSS property to change the background color of an element to Yxy 51.4571, 0.3091, 0.3203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 189, 196) }
```

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

```
.background{ background-color: rgb(191,  
189, 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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