

Converting Colors

$Yxy(52.6051, 0.3165, 0.3274)$

Have a look what the booklet for
Yxy(52.6051, 0.3165, 0.3274)
contains.

Yxy(52.3684, 0.3161, 0.3266)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(52.3684, 0.3161, 0.3266)

Conversions

Conversions Part 1

Format	Color
Hex	C4BEC0
RGB	196, 190, 192
RGB Percent	77%, 75%, 75%
CMY	0.2315, 0.2548, 0.2472
CMYK	0.00, 0.03, 0.02, 0.23
HSL	340°, 5%, 76%
HSV	340°, 3%, 77%
XYZ	50.6848, 52.3684, 57.2910
YIQ	192.0220, 2.9340, 1.8940

Conversions

Conversions Part 2

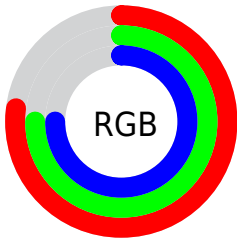
Format	Color
R_{YB}	196, 190, 192
Decimal	12893888
CIE Lab	77.50, 2.44, -0.25
CIE LCh	78, 2.455, 354.045
Yxy	52.3684, 0.3161, 0.3266
Android (android.graphics.Color)	4291083968 (0xFFC4BEC0)
YUV	192.0220, -0.0108, 3.4887
Hunter-Lab	72.3660, -1.6200, 3.7173

Details

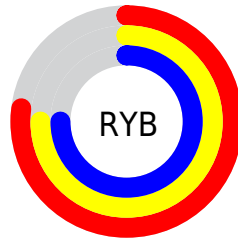
The Yxy color **52.3684, 0.3161, 0.3266** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.3118, 0.3094, 0.3314**, and the grayscale version is **52.7228, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.5715, 0.3160, 0.3271**, and **25.5062, 0.3162, 0.3257** is the 20% darker color. If you saturate the color by 10%, you get **43.8865, 0.3288, 0.3184**, and if you desaturate by 10%, it is **62.0484, 0.3057, 0.3343**.

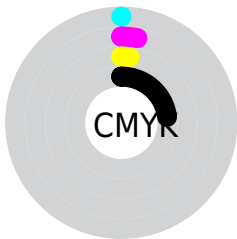
Distribution



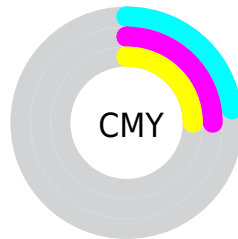
- Red (77%)
- Green (75%)
- Blue (75%)



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



- Cyan (0%)
- Magenta (3%)
- Yellow (2%)
- Black (23%)



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.3684, 0.3161, 0.3266 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 52.3684, 0.3161, 0.3266 by changing the saturation by 10% instead.

■ 52.3684, 0.3161,
0.3266

■ 52.3684, 0.3161,
0.3266

395.8572, 0.3144,
0.3278

■ 37.2988, 0.3165,
0.3263

■ 93.6743, 0.3155,
0.3270

■ 25.4389, 0.3170,
0.3259

120.6794, 0.3153,
0.3272

■ 16.4044, 0.3177,
0.3255

152.4319, 0.3151,
0.3273

■ 9.8107, 0.3186,
0.3248

189.3160, 0.3149,
0.3274

■ 5.2737, 0.3200,
0.3238

231.7162, 0.3148,
0.3275

■ 2.4087, 0.3221,
0.3223

280.0168, 0.3147,

■ 0.8304, 0.3263,

0.3276

0.3192

334.6024, 0.3145,
0.3277

0.0000, 0.0000,
0.0000

52.3684, 0.3161,
0.3266

52.3684, 0.3161,
0.3266

43.8865, 0.3288,
0.3184

62.0484, 0.3057,
0.3343

36.5492, 0.3444,
0.3097

72.9636, 0.2972,
0.3414

30.3093, 0.3633,
0.3008

85.1582, 0.2902,
0.3478

25.1134, 0.3861,
0.2921

89.8186, 0.2836,
0.3400

20.9038, 0.4130,
0.2843

90.4719, 0.2784,
0.3289

■ 17.6169, 0.4439,
0.2784

■ 15.1819, 0.4778,
0.2756

■ 13.5175, 0.5127,
0.2770

■ 12.5259, 0.5458,
0.2833

Harmonies

Analogous

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



52.3684, 0.3129, 0.3244



52.3684, 0.3161, 0.3266



52.3684, 0.3184, 0.3295

Triad

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



52.3684, 0.3161, 0.3266



52.3684, 0.3158, 0.3347



52.3684, 0.3063, 0.3257

Complementary

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



52.3684, 0.3161, 0.3266



54.3118, 0.3094, 0.3314

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.



52.3684, 0.3071, 0.3285



52.3684, 0.3161, 0.3266



52.3684, 0.3125, 0.3337

Square

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



52.3684, 0.3161, 0.3266



52.3684, 0.3182, 0.3342



52.3684, 0.3093, 0.3315



52.3684, 0.3072, 0.3239

Rectangle

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



52.3684, 0.3161, 0.3266



52.3684, 0.3191, 0.3314



52.3684, 0.3093, 0.3315



52.3684, 0.3064, 0.3266

Sweetspot

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



52.3707, 0.3161, 0.3266



98.2741, 0.3138, 0.3282



52.2858, 0.3114, 0.3217



21.0529, 0.3138, 0.3282



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.



52.3707, 0.3161, 0.3266



93.2308, 0.3173, 0.3258



52.7159, 0.3175, 0.3302



11.0016, 0.3180, 0.3253



7.7964, 0.5631, 0.2875



0.3498, 0.4990, 0.2523

Inverse Universe

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



52.3707, 0.3161, 0.3266



93.2308, 0.3173, 0.3258



53.9543, 0.3081, 0.3278



11.0016, 0.3180, 0.3253



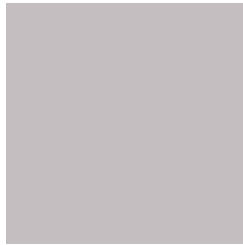
7.7964, 0.5631, 0.2875



0.3498, 0.4990, 0.2523

Previews

White Background



This preview shows how the Yxy color 52.3684, 0.3161, 0.3266 looks on a white background.

Color Contrast Check

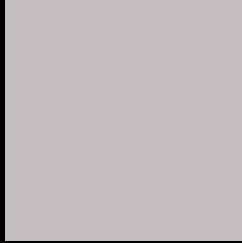
Large Text (above 18pt) WCAG AA × Fail

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 52.3684, 0.3161, 0.3266 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

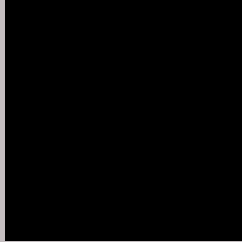
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

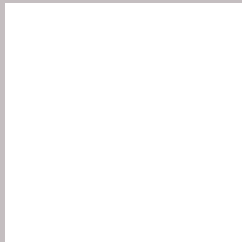
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 52.3684, 0.3161, 0.3266

Background



This preview shows how black text looks on a background with the Yxy color 52.3684, 0.3161, 0.3266.

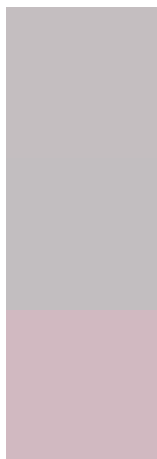


This preview shows how white text looks on a background with the Yxy color 52.3684, 0.3161, 0.3266.

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

52.3684, 0.3161, 0.3266

Protanopia

52.1020, 0.3145, 0.3265

Deuteranopia

52.1035, 0.3267, 0.3195



Tritanopia

52.2840, 0.3095, 0.3109

Trichromacy



Original Color

52.3684, 0.3161, 0.3266

Protanomaly

52.2348, 0.3153, 0.3265

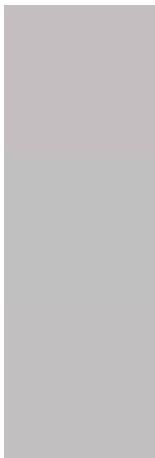
Deuteranomaly

52.2283, 0.3222, 0.3218

Tritanomaly

52.3890, 0.3117, 0.3168

Monochromacy



Original Color

52.3684, 0.3161, 0.3266

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

52.4048, 0.3136, 0.3278

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.3684, 0.3161, 0.3266 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(196, 190, 192)` looks like.

```
.text, #text, p{  
    color:rgb(196, 190, 192)  
}
```

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(196, 190, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 190, 192) }
```

Border

The CSS property to change the border of an element to Yxy 52.3684, 0.3161, 0.3266 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(196, 190, 192) }
```

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

```
.border{ border-color:rgb(196, 190, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 190, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 190, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 190, 192);  
box-shadow:4px 4px 4px 4px rgb(196, 190,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 52.3684, 0.3161, 0.3266 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 190, 192) }
```

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

```
.background{ background-color: rgb(196,  
190, 192) }
```

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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