

Converting Colors

Yxy(52.0745, 0.3108, 0.3180)

Have a look what the booklet for
Yxy(52.0745, 0.3108, 0.3180)
contains.

Yxy(52.0745, 0.3108, 0.3180)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(52.0745, 0.3108, 0.3180)

Conversions

Conversions Part 1

Format	Color
Hex	C3BDC6
RGB	195, 189, 198
RGB Percent	76%, 74%, 78%
CMY	0.2353, 0.2588, 0.2236
CMYK	0.02, 0.05, 0.00, 0.22
HSL	280°, 7%, 76%
HSV	280°, 5%, 78%
XYZ	50.8955, 52.0745, 60.7863
YIQ	191.8200, 0.6870, 4.0710

Conversions

Conversions Part 2

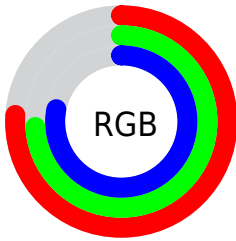
Format	Color
R _Y B	195, 189, 198
Decimal	12828102
CIE Lab	77.33, 3.76, -3.78
CIE LCh	77, 5.327, 314.865
Yxy	52.0745, 0.3108, 0.3180
Android (android.graphics.Color)	4291018182 (0xFFC3BDC6)
YUV	191.8200, 3.0467, 2.7889
Hunter-Lab	72.1627, -0.3908, 0.5708

Details

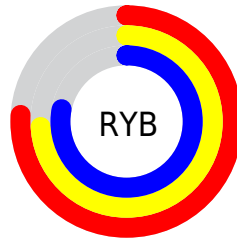
The Yxy color $52.0745, 0.3108, 0.3180$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $55.2616, 0.3145, 0.3401$, and the grayscale version is $52.5844, 0.3127, 0.3290$.

A 20% lighter version of the original color is $93.2203, 0.3112, 0.3194$, and $25.2847, 0.3100, 0.3158$ is the 20% darker color. If you saturate the color by 10%, you get $43.2753, 0.3060, 0.2926$, and if you desaturate by 10%, it is $62.0795, 0.3148, 0.3417$.

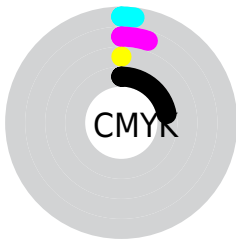
Distribution



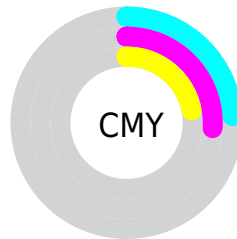
- Red (76%)
- Green (74%)
- Blue (78%)



- Red (76%)
- Yellow (74%)
- Blue (78%)



- Cyan (2%)
- Magenta (5%)
- Yellow (0%)
- Black (22%)



- Cyan (24%)
- Magenta (26%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.0745, 0.3108, 0.3180 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 52.0745, 0.3108, 0.3180 by changing the saturation by 10% instead.

■ 52.0745, 0.3108,
0.3180

■ 52.0745, 0.3108,
0.3180

394.7242, 0.3118,
0.3234

■ 37.0645, 0.3106,
0.3167

■ 93.2411, 0.3111,
0.3199

■ 25.2574, 0.3103,
0.3150

120.1665, 0.3113,
0.3207

■ 16.2689, 0.3098,
0.3129

151.8324, 0.3114,
0.3213

■ 9.7147, 0.3093,
0.3099

188.6232, 0.3115,
0.3218

■ 5.2102, 0.3084,
0.3057

230.9235, 0.3116,
0.3223

■ 2.3711, 0.3070,
0.2990

279.1174, 0.3116,

■ 0.8110, 0.3046,

0.3227

0.2863

333.5895, 0.3117,
0.3230

0.0000, 0.0000,
0.0000

52.0745, 0.3108,
0.3180

52.0745, 0.3108,
0.3180

43.2753, 0.3060,
0.2926

62.0795, 0.3148,
0.3417

35.6279, 0.3003,
0.2658

73.3282, 0.3181,
0.3636

29.0840, 0.2937,
0.2382

85.8651, 0.3208,
0.3835

23.5895, 0.2863,
0.2108

91.0172, 0.3244,
0.3892

19.0853, 0.2782,
0.1845

92.0716, 0.3286,
0.3884

■ 15.5065, 0.2694,
0.1606

■ 93.1670, 0.3329,
0.3876

■ 12.7803, 0.2604,
0.1402

■ 94.3037, 0.3373,
0.3868

■ 10.8225, 0.2515,
0.1243

■ 95.4823, 0.3417,
0.3859

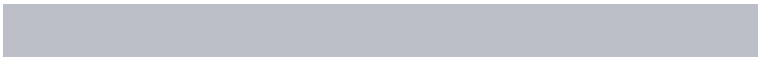
■ 9.5309, 0.2428,
0.1133

■ 96.7030, 0.3461,
0.3851

Harmonies

Analogous

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



52.0745, 0.3042, 0.3168



52.0745, 0.3108, 0.3180



52.0745, 0.3180, 0.3221

Triad

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



52.0745, 0.3108, 0.3180



52.0745, 0.3258, 0.3392



52.0745, 0.3017, 0.3299

Complementary

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



52.0745, 0.3108, 0.3180



55.2616, 0.3145, 0.3401

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.



52.0745, 0.3074, 0.3361



52.0745, 0.3108, 0.3180



52.0745, 0.3213, 0.3415

Square

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



52.0745, 0.3108, 0.3180



52.0745, 0.3267, 0.3342



52.0745, 0.3145, 0.3404



52.0745, 0.2989, 0.3235

Rectangle

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



52.0745, 0.3108, 0.3180



52.0745, 0.3222, 0.3259



52.0745, 0.3145, 0.3404



52.0745, 0.3033, 0.3321

Sweetspot

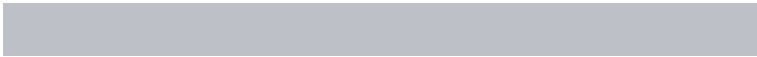
The Sweet Spot groups the original color and five complimentary colors.



52.0767, 0.3108, 0.3180



98.2235, 0.3123, 0.3266



52.5951, 0.3059, 0.3216



21.0426, 0.3123, 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.



52.0767, 0.3108, 0.3180



91.3388, 0.3106, 0.3167



52.4094, 0.3144, 0.3199



11.3904, 0.3103, 0.3153



5.9023, 0.2394, 0.1092



0.3178, 0.2568, 0.1188

Inverse Universe

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



52.2068, 0.3178, 0.3254



91.5968, 0.3185, 0.3249



54.9414, 0.3111, 0.3383



11.4265, 0.3191, 0.3245



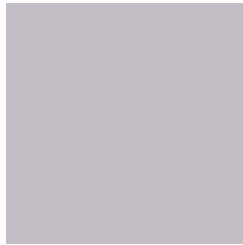
8.0759, 0.5622, 0.2871



0.3959, 0.5027, 0.2543

Previews

White Background



This preview shows how the Yxy color 52.0745, 0.3108, 0.3180 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 52.0745, 0.3108, 0.3180 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

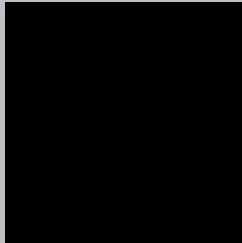
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

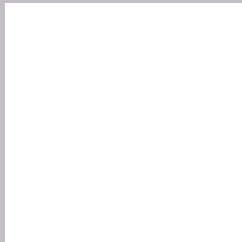
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 52.0745, 0.3108, 0.3180

Background



This preview shows how black text looks on a background with the Yxy color 52.0745, 0.3108, 0.3180.



This preview shows how white text looks on a background with the Yxy color 52.0745, 0.3108, 0.3180.

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

52.0745, 0.3108, 0.3180

Protanopia

52.1569, 0.3076, 0.3179

Deuteranopia

51.9433, 0.3193, 0.3123



Tritanopia

52.0140, 0.3079, 0.3108

Trichromacy



Original Color

52.0745, 0.3108, 0.3180

Protanomaly

52.2879, 0.3084, 0.3179

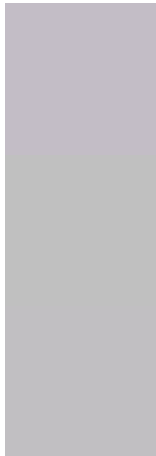
Deuteranomaly

51.7979, 0.3159, 0.3134

Tritanomaly

51.9192, 0.3094, 0.3132

Monochromacy



Original Color

52.0745, 0.3108, 0.3180

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

52.4941, 0.3121, 0.3253

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.0745, 0.3108, 0.3180 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(195, 189, 198)` looks like.

```
.text, #text, p{  
    color:rgb(195, 189, 198)  
}
```

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(195, 189, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 189, 198) }
```

Border

The CSS property to change the border of an element to Yxy 52.0745, 0.3108, 0.3180 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(195, 189, 198) }
```

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

```
.border{ border-color:rgb(195, 189, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 189, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 189, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 189, 198);  
box-shadow:4px 4px 4px 4px rgb(195, 189,  
198) }
```


Background

The CSS property to change the background color of an element to Yxy 52.0745, 0.3108, 0.3180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 189, 198) }
```

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

```
.background{ background-color: rgb(195,  
189, 198) }
```

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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