

Converting Colors

$Yxy(52.7506, 0.3090, 0.3190)$

Have a look what the booklet for
Yxy(52.7506, 0.3090, 0.3190)
contains.

Yxy(52.8545, 0.3091, 0.3192)	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(52.8545, 0.3091, 0.3192)

Conversions

Conversions Part 1

Format	Color
Hex	C2BFC7
RGB	194, 191, 199
RGB Percent	76%, 75%, 78%
CMY	0.2394, 0.2509, 0.2195
CMYK	0.03, 0.04, 0.00, 0.22
HSL	262°, 7%, 76%
HSV	262°, 4%, 78%
XYZ	51.1821, 52.8545, 61.5477
YIQ	192.8090, -0.7800, 3.1240

Conversions

Conversions Part 2

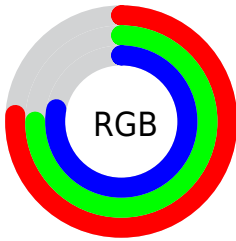
Format	Color
RYB	194, 191, 199
Decimal	12763079
CIELab	77.79, 2.52, -3.66
CIElCh	78, 4.445, 304.544
Yxy	52.8545, 0.3091, 0.3192
Android (android.graphics.Color)	4290953159 (0xFFC2BFC7)
YUV	192.8090, 3.0522, 1.0445
Hunter-Lab	72.7011, -1.5616, 0.6967

Details

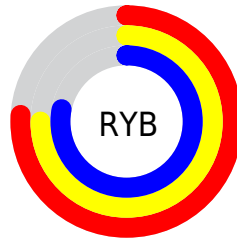
The Yxy color $52.8545, 0.3091, 0.3192$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $56.3627, 0.3162, 0.3388$, and the grayscale version is $53.1915, 0.3127, 0.3290$.

A 20% lighter version of the original color is $94.0655, 0.3099, 0.3213$, and $25.7967, 0.3078, 0.3175$ is the 20% darker color. If you saturate the color by 10%, you get $43.1642, 0.2991, 0.2931$, and if you desaturate by 10%, it is $63.8696, 0.3177, 0.3428$.

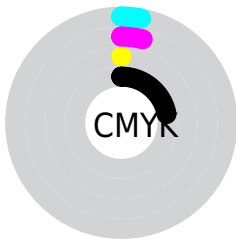
Distribution



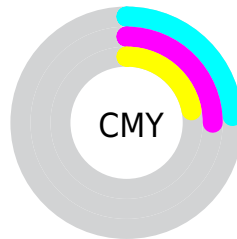
- Red (76%)
- Green (75%)
- Blue (78%)



- Red (76%)
- Yellow (75%)
- Blue (78%)



- Cyan (3%)
- Magenta (4%)
- Yellow (0%)
- Black (22%)



- Cyan (24%)
- Magenta (25%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.8545, 0.3091, 0.3192 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 52.8545, 0.3091, 0.3192 by changing the saturation by 10% instead.

■ 52.8545, 0.3091,
0.3192

■ 52.8545, 0.3091,
0.3192

397.7266, 0.3109,
0.3240

■ 37.6866, 0.3087,
0.3180

■ 94.3902, 0.3097,
0.3209

■ 25.7396, 0.3081,
0.3166

121.5269, 0.3100,
0.3216

■ 16.6289, 0.3074,
0.3147

153.4219, 0.3102,
0.3221

■ 9.9703, 0.3064,
0.3120

190.4597, 0.3104,
0.3226

■ 5.3792, 0.3049,
0.3083

233.0247, 0.3105,
0.3230

■ 2.4715, 0.3025,
0.3023

281.5013, 0.3107,

■ 0.8623, 0.2981,

0.3234

0.2915

336.2738, 0.3108,
0.3237

0.0000, 0.0000,
0.0000

52.8545, 0.3091,
0.3192

52.8545, 0.3091,
0.3192

43.1642, 0.2991,
0.2931

63.8696, 0.3177,
0.3428

34.7410, 0.2875,
0.2647

76.2505, 0.3250,
0.3640

27.5334, 0.2745,
0.2345

90.0449, 0.3311,
0.3828

21.4832, 0.2600,
0.2032

94.9208, 0.3388,
0.3853

16.5277, 0.2445,
0.1722

96.9044, 0.3460,
0.3840

■ 12.5978, 0.2285,
0.1429

■ 9.6165, 0.2128,
0.1172

■ 7.4950, 0.1983,
0.0966

■ 6.1270, 0.1856,
0.0823

Harmonies

Analogous

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



52.8545, 0.3041, 0.3191



52.8545, 0.3091, 0.3192



52.8545, 0.3151, 0.3219

Triad

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



52.8545, 0.3091, 0.3192



52.8545, 0.3242, 0.3363



52.8545, 0.3049, 0.3316

Complementary

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



52.8545, 0.3091, 0.3192



56.3627, 0.3162, 0.3388

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.



52.8545, 0.3103, 0.3363



52.8545, 0.3091, 0.3192



52.8545, 0.3214, 0.3390

Square

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



52.8545, 0.3091, 0.3192



52.8545, 0.3239, 0.3316



52.8545, 0.3163, 0.3391



52.8545, 0.3017, 0.3262

Rectangle

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



52.8545, 0.3091, 0.3192



52.8545, 0.3189, 0.3247



52.8545, 0.3163, 0.3391



52.8545, 0.3065, 0.3333

Sweetspot

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



52.8568, 0.3091, 0.3192



98.0796, 0.3118, 0.3266



54.7203, 0.3066, 0.3254



21.0133, 0.3119, 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.



52.8568, 0.3091, 0.3192



90.6378, 0.3081, 0.3166



53.3914, 0.3123, 0.3193



11.2928, 0.3076, 0.3152



3.6161, 0.1804, 0.0768



0.2123, 0.2047, 0.0901

Inverse Universe

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



53.4013, 0.3154, 0.3229



91.8343, 0.3161, 0.3213



55.8347, 0.3131, 0.3388



11.4596, 0.3165, 0.3204



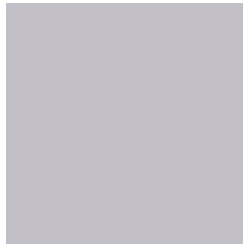
8.7884, 0.4399, 0.2197



0.4298, 0.4088, 0.2026

Previews

White Background



This preview shows how the Yxy color 52.8545, 0.3091, 0.3192 looks on a white background.

Color Contrast Check

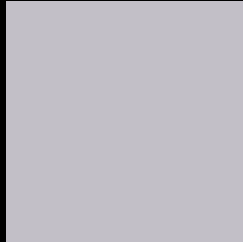
Large Text (above 18pt) WCAG AA × Fail

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 52.8545, 0.3091, 0.3192 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

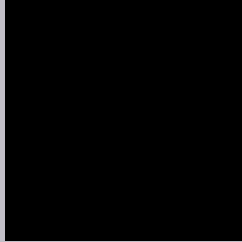
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

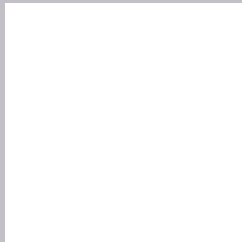
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 52.8545, 0.3091, 0.3192

Background



This preview shows how black text looks on a background with the Yxy color 52.8545, 0.3091, 0.3192.

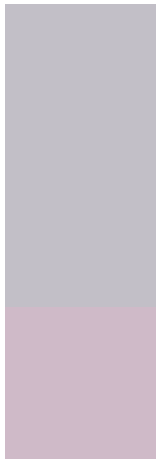


This preview shows how white text looks on a background with the Yxy color 52.8545, 0.3091, 0.3192.

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

52.8545, 0.3091, 0.3192

Protanopia

52.8545, 0.3091, 0.3192

Deuteranopia

52.5533, 0.3193, 0.3124



Tritanopia

52.8368, 0.3055, 0.3108

Trichromacy



Original Color

52.8545, 0.3091, 0.3192

Protanomaly

52.8545, 0.3091, 0.3192

Deuteranomaly

52.6931, 0.3150, 0.3146

Tritanomaly

52.7408, 0.3070, 0.3132

Monochromacy



Original Color

52.8545, 0.3091, 0.3192

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

52.9769, 0.3113, 0.3253

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.8545, 0.3091, 0.3192 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(194, 191, 199)` looks like.

```
.text, #text, p{  
    color:rgb(194, 191, 199)  
}
```

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(194, 191, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 191, 199) }
```

Border

The CSS property to change the border of an element to Yxy 52.8545, 0.3091, 0.3192 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(194, 191, 199) }
```

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

```
.border{ border-color:rgb(194, 191, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 191, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 191, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 191, 199);  
box-shadow:4px 4px 4px 4px rgb(194, 191,  
199) }
```


Background

The CSS property to change the background color of an element to Yxy 52.8545, 0.3091, 0.3192 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 191, 199) }
```

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

```
.background{ background-color: rgb(194,  
191, 199) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor