

Converting Colors

$Y_{xy}(52.7278, 0.3176, 0.3303)$

Have a look what the booklet for
Yxy(52.7278, 0.3176, 0.3303)
contains.

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Color

Yxy(52.7151, 0.3176, 0.3302)

Conversions

Conversions Part 1

Format	Color
Hex	C4BFBE
RGB	196, 191, 190
RGB Percent	77%, 75%, 75%
CMY	0.2311, 0.2510, 0.2548
CMYK	0.00, 0.03, 0.03, 0.23
HSL	10°, 5%, 76%
HSV	10°, 3%, 77%
XYZ	50.7036, 52.7151, 56.2273
YIQ	192.3810, 3.3010, 0.7490

Conversions

Conversions Part 2

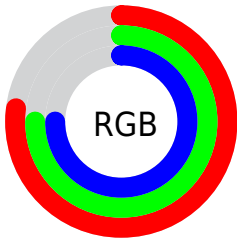
Format	Color
R_{YB}	196, 191, 190
Decimal	12894142
CIE Lab	77.71, 1.60, 1.11
CIE LCh	78, 1.949, 34.575
Yxy	52.7151, 0.3176, 0.3302
Android (android.graphics.Color)	4291084222 (0xFFC4BFBE)
YUV	192.3810, -1.1738, 3.1739
Hunter-Lab	72.6052, -2.4042, 4.9079

Details

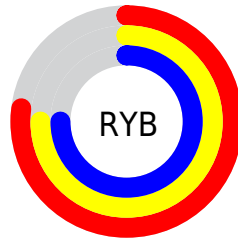
The Yxy color **52.7151, 0.3176, 0.3302** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.0119, 0.3080, 0.3278**, and the grayscale version is **52.9584, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.0580, 0.3172, 0.3300**, and **25.7339, 0.3182, 0.3307** is the 20% darker color. If you saturate the color by 10%, you get **45.1319, 0.3356, 0.3343**, and if you desaturate by 10%, it is **61.2264, 0.3028, 0.3264**.

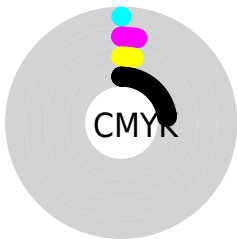
Distribution



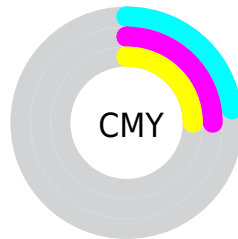
- Red (77%)
- Green (75%)
- Blue (75%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.7151, 0.3176, 0.3302 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 52.7151, 0.3176, 0.3302 by changing the saturation by 10% instead.

■ 52.7151, 0.3176,
0.3302

■ 52.7151, 0.3176,
0.3302

397.1911, 0.3152,
0.3296

■ 37.5754, 0.3182,
0.3303

■ 94.1850, 0.3167,
0.3300

■ 25.6533, 0.3189,
0.3305

121.2840, 0.3164,
0.3299

■ 16.5645, 0.3199,
0.3307

153.1382, 0.3161,
0.3299

■ 9.9244, 0.3212,
0.3311

190.1320, 0.3159,
0.3298

■ 5.3489, 0.3232,
0.3315

232.6498, 0.3157,
0.3297

■ 2.4534, 0.3263,
0.3322

281.0760, 0.3155,

■ 0.8532, 0.3327,

0.3297

0.3339

335.7950, 0.3154,
0.3297

0.0000, 0.0000,
0.0000

52.7151, 0.3176,
0.3302

52.7151, 0.3176,
0.3302

45.1319, 0.3356,
0.3343

61.2264, 0.3028,
0.3264

38.4386, 0.3576,
0.3387

70.6886, 0.2906,
0.3230

32.6047, 0.3841,
0.3431

81.1323, 0.2804,
0.3198

27.5951, 0.4159,
0.3475

90.4843, 0.2784,
0.3289

23.3723, 0.4528,
0.3512

■ 19.8962, 0.4941,
0.3536

■ 17.1227, 0.5370,
0.3539

■ 15.0031, 0.5771,
0.3515

■ 13.4824, 0.6088,
0.3462

Harmonies

Analogous

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



52.7151, 0.3162, 0.3279



52.7151, 0.3176, 0.3302



52.7151, 0.3177, 0.3322

Triad

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



52.7151, 0.3176, 0.3302



52.7151, 0.3117, 0.3322



52.7151, 0.3089, 0.3247

Complementary

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



52.7151, 0.3176, 0.3302



54.0119, 0.3080, 0.3278

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.



52.7151, 0.3077, 0.3258



52.7151, 0.3176, 0.3302



52.7151, 0.3093, 0.3302

Square

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



52.7151, 0.3176, 0.3302



52.7151, 0.3143, 0.3334



52.7151, 0.3079, 0.3278



52.7151, 0.3111, 0.3247

Rectangle

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



52.7151, 0.3176, 0.3302



52.7151, 0.3171, 0.3331



52.7151, 0.3079, 0.3278



52.7151, 0.3084, 0.3249

Sweetspot

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



52.7174, 0.3176, 0.3302



98.4774, 0.3143, 0.3294



52.5262, 0.3138, 0.3227



21.0943, 0.3142, 0.3294



0.0000, 0.0000, 0.0000



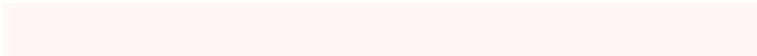
21.4041, 0.3127, 0.3290

Same Dimension

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



52.7174, 0.3176, 0.3302



94.0137, 0.3192, 0.3306



54.0231, 0.3174, 0.3338



11.1083, 0.3202, 0.3308



8.2650, 0.6230, 0.3435



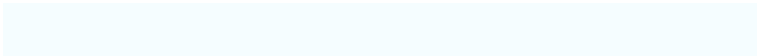
0.4408, 0.5848, 0.3739

Inverse Universe

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



54.0119, 0.3080, 0.3278



97.0810, 0.3065, 0.3274



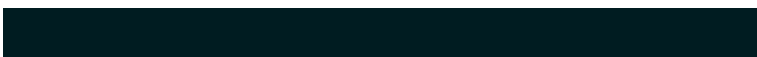
52.6960, 0.3081, 0.3241



11.5281, 0.3055, 0.3272



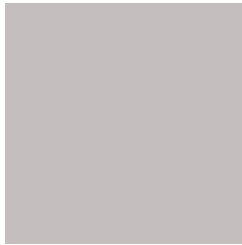
19.8833, 0.2105, 0.2779



0.9342, 0.2140, 0.2904

Previews

White Background



This preview shows how the Yxy color 52.7151, 0.3176, 0.3302 looks on a white background.

Color Contrast Check

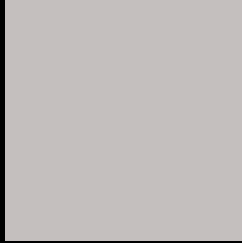
Large Text (above 18pt) WCAG AA × Fail

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 52.7151, 0.3176, 0.3302 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

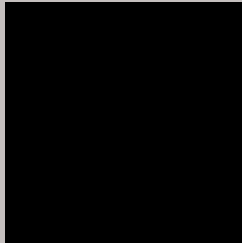
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

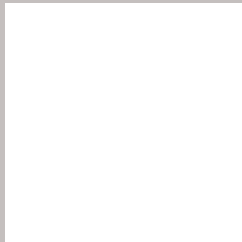
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 52.7151, 0.3176, 0.3302

Background



This preview shows how black text looks on a background with the Yxy color 52.7151, 0.3176, 0.3302.



This preview shows how white text looks on a background with the Yxy color 52.7151, 0.3176, 0.3302.

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

52.7151, 0.3176, 0.3302

Protanopia

52.7151, 0.3176, 0.3302

Deuteranopia

52.7283, 0.3298, 0.3231



Tritanopia

52.7606, 0.3087, 0.3109

Trichromacy



Original Color

52.7151, 0.3176, 0.3302

Protanomaly

52.7151, 0.3176, 0.3302

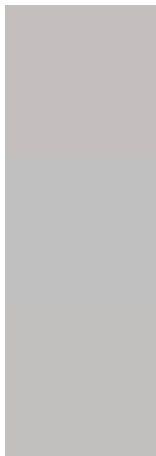
Deuteranomaly

52.8498, 0.3254, 0.3254

Tritanomaly

52.8207, 0.3116, 0.3181

Monochromacy



Original Color

52.7151, 0.3176, 0.3302

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

52.7983, 0.3143, 0.3302

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.7151, 0.3176, 0.3302 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, 191, 190)` looks like.

```
.text, #text, p{  
    color:rgb(196, 191, 190)  
}
```

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, 191, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 191, 190) }
```

Border

The CSS property to change the border of an element to Yxy 52.7151, 0.3176, 0.3302 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, 191, 190) }
```

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

```
.border{ border-color:rgb(196, 191, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 191, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 191, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 191, 190);  
box-shadow:4px 4px 4px 4px rgb(196, 191,  
190) }
```


Background

The CSS property to change the background color of an element to Yxy 52.7151, 0.3176, 0.3302 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 191, 190) }
```

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

```
.background{ background-color: rgb(196,  
191, 190) }
```

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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