

Converting Colors

Yxy(51.8417, 0.3181, 0.3279)

Have a look what the booklet for
Yxy(51.8417, 0.3181, 0.3279)
contains.

Yxy(51.8487, 0.3177, 0.3278)	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(51.8487, 0.3177, 0.3278)

Conversions

Conversions Part 1

Format	Color
Hex	C4BDBE
RGB	196, 189, 190
RGB Percent	77%, 74%, 75%
CMY	0.2315, 0.2588, 0.2549
CMYK	0.00, 0.04, 0.03, 0.23
HSL	352°, 6%, 75%
HSV	352°, 4%, 77%
XYZ	50.2512, 51.8487, 56.0719
YIQ	191.2070, 3.8510, 1.7950

Conversions

Conversions Part 2

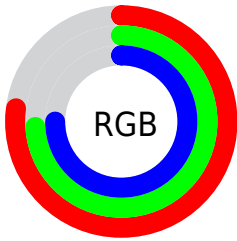
Format	Color
R _Y B	196, 189, 190
Decimal	12893630
CIE Lab	77.19, 2.62, 0.36
CIE LCh	77, 2.645, 7.904
Yxy	51.8487, 0.3177, 0.3278
Android (android.graphics.Color)	4291083710 (0xFFC4BDBE)
YUV	191.2070, -0.5951, 4.2035
Hunter-Lab	72.0060, -1.4400, 4.2345

Details

The Yxy color **51.8487, 0.3177, 0.3278** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.2284, 0.3079, 0.3302**, and the grayscale version is **52.2277, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.8413, 0.3173, 0.3280**, and **25.1652, 0.3184, 0.3274** is the 20% darker color. If you saturate the color by 10%, you get **43.2870, 0.3340, 0.3243**, and if you desaturate by 10%, it is **61.6391, 0.3046, 0.3311**.

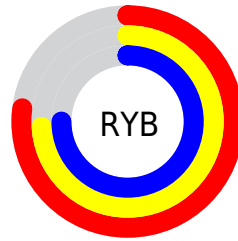
Distribution



Red (77%)

Green (74%)

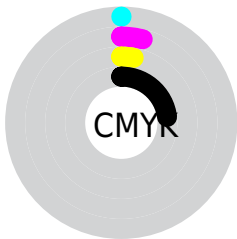
Blue (75%)



Red (77%)

Yellow (74%)

Blue (75%)

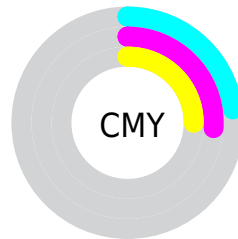


Cyan (0%)

Magenta (4%)

Yellow (3%)

Black (23%)



Cyan (23%)

Magenta (26%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 51.8487, 0.3177, 0.3278 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 51.8487, 0.3177, 0.3278 by changing the saturation by 10% instead.

■ 51.8487, 0.3177,
0.3278

■ 51.8487, 0.3177,
0.3278

393.8522, 0.3153,
0.3284

■ 36.8845, 0.3183,
0.3277

■ 92.9081, 0.3168,
0.3280

■ 25.1181, 0.3191,
0.3275

119.7720, 0.3165,
0.3281

■ 16.1650, 0.3201,
0.3272

151.3713, 0.3162,
0.3282

■ 9.6410, 0.3214,
0.3269

188.0904, 0.3160,
0.3282

■ 5.1616, 0.3235,
0.3264

230.3136, 0.3158,
0.3283

■ 2.3424, 0.3267,
0.3255

278.4254, 0.3156,

■ 0.7960, 0.3338,

0.3283

0.3239

332.8102, 0.3154,
0.3284

0.0000, 0.0000,
0.0000

51.8487, 0.3177,
0.3278

51.8487, 0.3177,
0.3278

43.2870, 0.3340,
0.3243

61.6391, 0.3046,
0.3311

35.8990, 0.3541,
0.3205

72.6970, 0.2940,
0.3341

29.6355, 0.3790,
0.3167

85.0679, 0.2853,
0.3368

24.4413, 0.4094,
0.3131

90.4723, 0.2784,
0.3289

20.2565, 0.4454,
0.3101

■ 17.0152, 0.4864,
0.3083

■ 14.6436, 0.5300,
0.3085

■ 13.0573, 0.5716,
0.3112

■ 12.1543, 0.6055,
0.3164

Harmonies

Analogous

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



51.8487, 0.3146, 0.3250



51.8487, 0.3177, 0.3278



51.8487, 0.3195, 0.3310

Triad

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



51.8487, 0.3177, 0.3278



51.8487, 0.3145, 0.3349



51.8487, 0.3060, 0.3244

Complementary

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



51.8487, 0.3177, 0.3278



54.2284, 0.3079, 0.3302

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.



51.8487, 0.3060, 0.3270



51.8487, 0.3177, 0.3278



51.8487, 0.3109, 0.3331

Square

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



51.8487, 0.3177, 0.3278



51.8487, 0.3176, 0.3351



51.8487, 0.3078, 0.3302



51.8487, 0.3078, 0.3230

Rectangle

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



51.8487, 0.3177, 0.3278



51.8487, 0.3197, 0.3328



51.8487, 0.3078, 0.3302



51.8487, 0.3058, 0.3251

Sweetspot

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



51.8509, 0.3177, 0.3278



98.2435, 0.3141, 0.3287



51.9782, 0.3123, 0.3205



21.0467, 0.3140, 0.3287



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.



51.8509, 0.3177, 0.3278



93.1125, 0.3184, 0.3276



52.8651, 0.3183, 0.3320



10.9854, 0.3194, 0.3274



7.6014, 0.6193, 0.3185



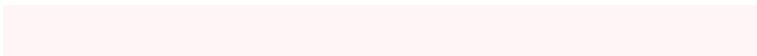
0.3361, 0.5677, 0.2901

Inverse Universe

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



51.8509, 0.3177, 0.3278



93.1125, 0.3184, 0.3276



53.1831, 0.3073, 0.3260



10.9854, 0.3194, 0.3274



7.6014, 0.6193, 0.3185



0.3361, 0.5677, 0.2901

Previews

White Background



This preview shows how the Yxy color 51.8487, 0.3177, 0.3278 looks on a white background.

Color Contrast Check

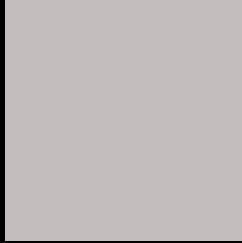
Large Text (above 18pt) WCAG AA × Fail

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 51.8487, 0.3177, 0.3278 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

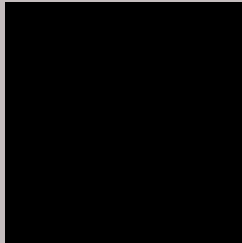
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

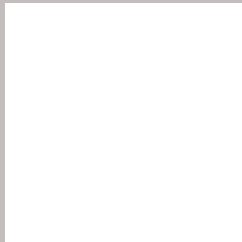
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 51.8487, 0.3177, 0.3278

Background



This preview shows how black text looks on a background with the Yxy color 51.8487, 0.3177, 0.3278.

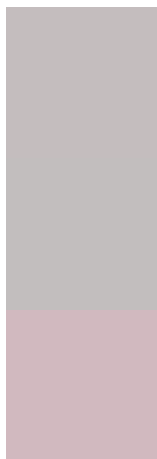


This preview shows how white text looks on a background with the Yxy color 51.8487, 0.3177, 0.3278.

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

51.8487, 0.3177, 0.3278

Protanopia

52.0140, 0.3160, 0.3290

Deuteranopia

52.0148, 0.3283, 0.3219



Tritanopia

51.8107, 0.3103, 0.3108

Trichromacy



Original Color

51.8487, 0.3177, 0.3278

Protanomaly

52.1467, 0.3168, 0.3290

Deuteranomaly

51.7168, 0.3239, 0.3230

Tritanomaly

51.9140, 0.3125, 0.3168

Monochromacy



Original Color

51.8487, 0.3177, 0.3278

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

51.9260, 0.3144, 0.3278

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.8487, 0.3177, 0.3278 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, 189, 190)` looks like.

```
.text, #text, p{  
    color:rgb(196, 189, 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, 189, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 189, 190) }
```

Border

The CSS property to change the border of an element to Yxy 51.8487, 0.3177, 0.3278 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, 189, 190) }
```

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

```
.border{ border-color:rgb(196, 189, 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, 189, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 189, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 189, 190);  
box-shadow:4px 4px 4px 4px rgb(196, 189,  
190) }
```


Background

The CSS property to change the background color of an element to Yxy 51.8487, 0.3177, 0.3278 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 189, 190) }
```

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

```
.background{ background-color: rgb(196,  
189, 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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