

Converting Colors

Yxy(58.7463, 0.3185, 0.3371)

Have a look what the booklet for
Yxy(58.7463, 0.3185, 0.3371)
contains.

Yxy(58.8777, 0.3185, 0.3373)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(58.8777, 0.3185, 0.3373)

Conversions

Conversions Part 1

Format	Color
Hex	CBCAC3
RGB	203, 202, 195
RGB Percent	80%, 79%, 76%
CMY	0.2040, 0.2078, 0.2352
CMYK	0.00, 0.00, 0.04, 0.20
HSL	53°, 7%, 78%
HSV	53°, 4%, 80%
XYZ	55.5960, 58.8777, 60.0821
YIQ	201.5010, 2.8430, -1.9650

Conversions

Conversions Part 2

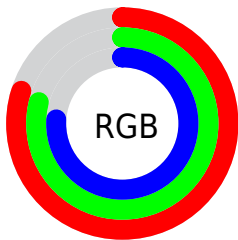
Format	Color
RYB	196, 203, 195
Decimal	13355715
CIELab	81.22, -0.91, 3.58
CIElCh	81, 3.700, 104.306
Yxy	58.8777, 0.3185, 0.3373
Android (android.graphics.Color)	4291545795 (0xFFCBCAC3)
YUV	201.5010, -3.2050, 1.3146
Hunter-Lab	76.7318, -4.9484, 7.2873

Details

The Yxy color **58.8777, 0.3185, 0.3373** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.3928, 0.3069, 0.3206**, and the grayscale version is **58.7548, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.8083, 0.3144, 0.3319**, and **29.4925, 0.3205, 0.3401** is the 20% darker color. If you saturate the color by 10%, you get **56.8812, 0.3339, 0.3591**, and if you desaturate by 10%, it is **61.0224, 0.3040, 0.3164**.

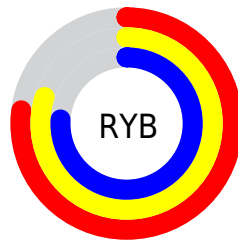
Distribution



Red (80%)

Green (79%)

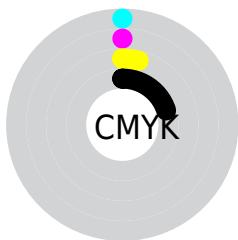
Blue (76%)



Red (77%)

Yellow (80%)

Blue (76%)

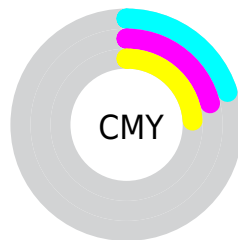


Cyan (0%)

Magenta (0%)

Yellow (4%)

Black (20%)



Cyan (20%)

Magenta (21%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 58.8777, 0.3185, 0.3373 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 58.8777, 0.3185, 0.3373 by changing the saturation by 10% instead.

■ 58.8777, 0.3185,
0.3373

■ 58.8777, 0.3185,
0.3373

420.4485, 0.3157,
0.3333

■ 42.5147, 0.3192,
0.3383

103.1999, 0.3175,
0.3359

■ 29.5045, 0.3200,
0.3395

131.9279, 0.3171,
0.3353

■ 19.4628, 0.3211,
0.3410

165.5462, 0.3168,
0.3349

■ 12.0052, 0.3225,
0.3431

204.4395, 0.3165,
0.3345

■ 6.7472, 0.3246,
0.3461

248.9919, 0.3163,
0.3341

■ 3.3045, 0.3278,
0.3508

299.5880, 0.3161,

■ 1.2927, 0.3332,

0.3338

0.3589

356.6121, 0.3159,
0.3336

0.1355, 0.4400,
0.5600

0.0000, 0.0000,
0.0000

58.8777, 0.3185,
0.3373

58.8777, 0.3185,
0.3373

56.8812, 0.3339,
0.3591

61.0224, 0.3040,
0.3164

55.0201, 0.3500,
0.3815

63.3126, 0.2906,
0.2968

53.2917, 0.3664,
0.4037

65.6955, 0.2789,
0.2794

51.6901, 0.3827,
0.4250

66.9115, 0.2791,
0.2822

■ 50.2089, 0.3981,
0.4444

■ 68.1461, 0.2792,
0.2849

■ 48.8412, 0.4120,
0.4609

■ 69.3994, 0.2794,
0.2876

■ 47.5793, 0.4238,
0.4736

■ 70.6715, 0.2796,
0.2904

■ 46.4141, 0.4331,
0.4820

■ 71.9624, 0.2798,
0.2931

■ 45.3348, 0.4395,
0.4860

■ 73.2723, 0.2800,
0.2958

Harmonies

Analogous

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



58.8777, 0.3214, 0.3358



58.8777, 0.3185, 0.3373



58.8777, 0.3140, 0.3366

Triad

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



58.8777, 0.3185, 0.3373



58.8777, 0.3035, 0.3255



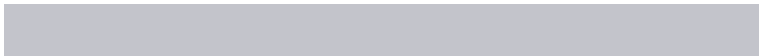
58.8777, 0.3162, 0.3243

Complementary

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



58.8777, 0.3185, 0.3373



55.3928, 0.3069, 0.3206

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.



58.8777, 0.3114, 0.3216



58.8777, 0.3185, 0.3373



58.8777, 0.3041, 0.3222

Square

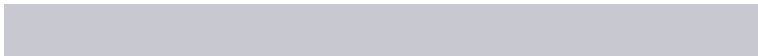
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



58.8777, 0.3185, 0.3373



58.8777, 0.3054, 0.3297



58.8777, 0.3069, 0.3208



58.8777, 0.3201, 0.3283

Rectangle

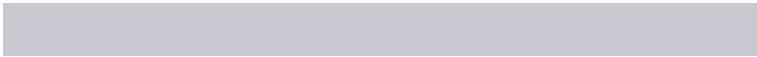
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



58.8777, 0.3185, 0.3373



58.8777, 0.3108, 0.3349



58.8777, 0.3069, 0.3208



58.8777, 0.3146, 0.3232

Sweetspot

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



58.8802, 0.3185, 0.3373



99.6403, 0.3142, 0.3311



55.7266, 0.3183, 0.3278



21.3309, 0.3141, 0.3310



0.0000, 0.0000, 0.0000



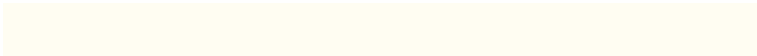
21.4041, 0.3127, 0.3290

Same Dimension

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



58.8802, 0.3185, 0.3373



98.2265, 0.3202, 0.3398



58.9272, 0.3162, 0.3385



13.0251, 0.3211, 0.3410



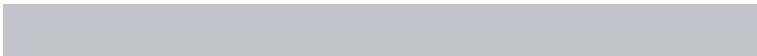
28.5504, 0.4421, 0.4872



1.5397, 0.4370, 0.4912

Inverse Universe

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



55.3928, 0.3069, 0.3206



90.7172, 0.3051, 0.3180



55.3529, 0.3092, 0.3195



11.9189, 0.3042, 0.3167



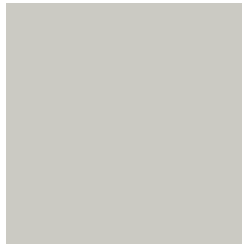
3.2455, 0.1527, 0.0697



0.2419, 0.1599, 0.0958

Previews

White Background



This preview shows how the Yxy color 58.8777, 0.3185, 0.3373 looks on a white background.

Color Contrast Check

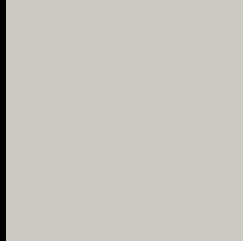
Large Text (above 18pt) WCAG AA × Fail

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 58.8777, 0.3185, 0.3373 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

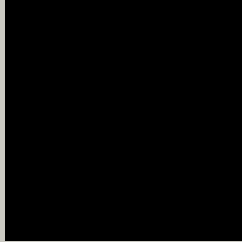
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

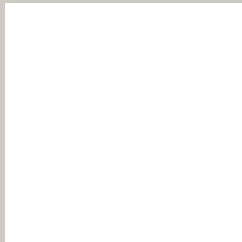
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 58.8777, 0.3185, 0.3373

Background



This preview shows how black text looks on a background with the Yxy color 58.8777, 0.3185, 0.3373.

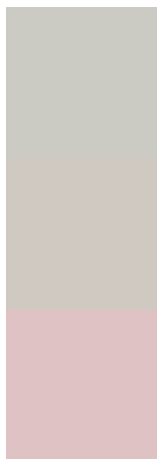


This preview shows how white text looks on a background with the Yxy color 58.8777, 0.3185, 0.3373.

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

58.8777, 0.3185, 0.3373

Protanopia

58.9337, 0.3225, 0.3373

Deuteranopia

58.7037, 0.3347, 0.3279



Tritanopia

58.8750, 0.3066, 0.3105

Trichromacy



Original Color

58.8777, 0.3185, 0.3373

Protanomaly

58.7901, 0.3217, 0.3373

Deuteranomaly

58.9726, 0.3286, 0.3314

Tritanomaly

58.8418, 0.3108, 0.3197

Monochromacy



Original Color

58.8777, 0.3185, 0.3373

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

58.9211, 0.3149, 0.3326

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.8777, 0.3185, 0.3373 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(203, 202, 195)` looks like.

```
.text, #text, p{  
    color:rgb(203, 202, 195)  
}
```

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(203, 202, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 202, 195) }
```

Border

The CSS property to change the border of an element to Yxy 58.8777, 0.3185, 0.3373 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(203, 202, 195) }
```

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

```
.border{ border-color:rgb(203, 202, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 202, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 202, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 202, 195);  
box-shadow:4px 4px 4px 4px rgb(203, 202,  
195) }
```


Background

The CSS property to change the background color of an element to Yxy 58.8777, 0.3185, 0.3373 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 202, 195) }
```

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

```
.background{ background-color: rgb(203,  
202, 195) }
```

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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