

Converting Colors

$Yxy(58.1801, 0.3193, 0.3386)$

Have a look what the booklet for
Yxy(58.1801, 0.3193, 0.3386)
contains.

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Color

Yxy(58.1801, 0.3193, 0.3386)

Conversions

Conversions Part 1

Format	Color
Hex	CAC9C1
RGB	202, 201, 193
RGB Percent	79%, 79%, 76%
CMY	0.2079, 0.2117, 0.2432
CMYK	0.00, 0.00, 0.04, 0.21
HSL	54°, 8%, 77%
HSV	54°, 4%, 79%
XYZ	54.8639, 58.1801, 58.7815
YIQ	200.3870, 3.1640, -2.2760

Conversions

Conversions Part 2

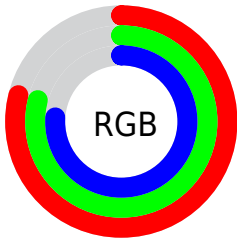
Format	Color
RYB	194, 202, 193
Decimal	13289921
CIELab	80.84, -1.10, 4.11
CIElCh	81, 4.256, 104.926
Yxy	58.1801, 0.3193, 0.3386
Android (android.graphics.Color)	4291480001 (0xFFCAC9C1)
YUV	200.3870, -3.6418, 1.4146
Hunter-Lab	76.2759, -5.0910, 7.7017

Details

The Yxy color **58.1801, 0.3193, 0.3386** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.1621, 0.3061, 0.3192**, and the grayscale version is **58.0305, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.6196, 0.3162, 0.3347**, and **29.0568, 0.3206, 0.3402** is the 20% darker color. If you saturate the color by 10%, you get **56.3357, 0.3347, 0.3608**, and if you desaturate by 10%, it is **60.1669, 0.3048, 0.3173**.

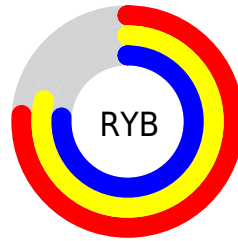
Distribution



Red (79%)

Green (79%)

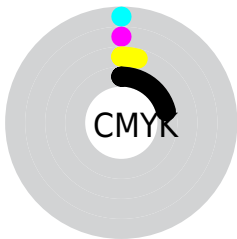
Blue (76%)



Red (76%)

Yellow (79%)

Blue (76%)

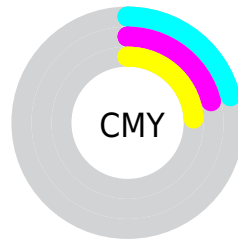


Cyan (0%)

Magenta (0%)

Yellow (4%)

Black (21%)



Cyan (21%)

Magenta (21%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 58.1801, 0.3193, 0.3386 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 58.1801, 0.3193, 0.3386 by changing the saturation by 10% instead.

■ 58.1801, 0.3193,
0.3386

■ 58.1801, 0.3193,
0.3386

417.8567, 0.3161,
0.3340

■ 41.9535, 0.3201,
0.3397

■ 102.1851, 0.3182,
0.3370

■ 29.0648, 0.3210,
0.3411

130.7322, 0.3177,
0.3363

■ 19.1299, 0.3222,
0.3429

164.1549, 0.3174,
0.3358

■ 11.7642, 0.3239,
0.3454

202.8377, 0.3171,
0.3353

■ 6.5833, 0.3263,
0.3489

247.1649, 0.3168,
0.3349

■ 3.2029, 0.3299,
0.3544

297.5208, 0.3165,

■ 1.2386, 0.3362,

0.3346

0.3640

354.2900, 0.3163,
0.3343

0.0929, 0.3984,
0.6016

0.0000, 0.0000,
0.0000

58.1801, 0.3193,
0.3386

58.1801, 0.3193,
0.3386

56.3357, 0.3347,
0.3608

60.1669, 0.3048,
0.3173

54.6213, 0.3507,
0.3834

62.2935, 0.2913,
0.2973

53.0340, 0.3669,
0.4059

64.5666, 0.2789,
0.2787

51.5679, 0.3829,
0.4273

65.7216, 0.2783,
0.2797

■ 50.2170, 0.3979,
0.4467

■ 66.8000, 0.2784,
0.2822

■ 48.9742, 0.4114,
0.4632

■ 67.8931, 0.2786,
0.2846

■ 47.8319, 0.4227,
0.4759

■ 69.0008, 0.2788,
0.2870

■ 46.7812, 0.4313,
0.4842

■ 70.1233, 0.2789,
0.2894

■ 45.8112, 0.4372,
0.4882

■ 71.2605, 0.2791,
0.2918

Harmonies

Analogous

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



58.1801, 0.3227, 0.3369



58.1801, 0.3193, 0.3386



58.1801, 0.3141, 0.3377

Triad

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



58.1801, 0.3193, 0.3386



58.1801, 0.3021, 0.3248



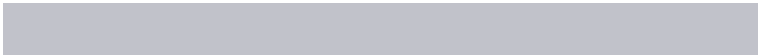
58.1801, 0.3168, 0.3237

Complementary

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



58.1801, 0.3193, 0.3386



54.1621, 0.3061, 0.3192

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.



58.1801, 0.3113, 0.3205



58.1801, 0.3193, 0.3386



58.1801, 0.3028, 0.3211

Square

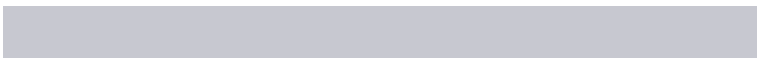
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



58.1801, 0.3193, 0.3386



58.1801, 0.3042, 0.3297



58.1801, 0.3061, 0.3196



58.1801, 0.3213, 0.3283

Rectangle

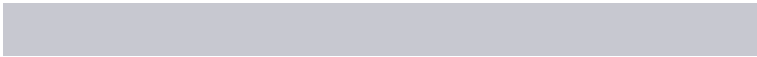
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



58.1801, 0.3193, 0.3386



58.1801, 0.3104, 0.3358



58.1801, 0.3061, 0.3196



58.1801, 0.3150, 0.3224

Sweetspot

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



58.1826, 0.3193, 0.3386



99.6619, 0.3142, 0.3312



54.5844, 0.3192, 0.3278



21.3353, 0.3141, 0.3311



0.0000, 0.0000, 0.0000



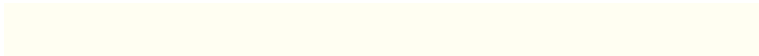
21.4041, 0.3127, 0.3290

Same Dimension

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



58.1826, 0.3193, 0.3386



98.3337, 0.3202, 0.3399



58.1597, 0.3165, 0.3398



13.0409, 0.3211, 0.3412



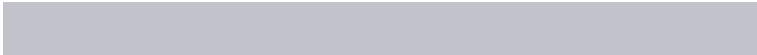
29.2336, 0.4394, 0.4893



1.5686, 0.4350, 0.4928

Inverse Universe

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



54.1621, 0.3061, 0.3192



90.6155, 0.3051, 0.3178



54.1913, 0.3088, 0.3181



11.9039, 0.3042, 0.3165



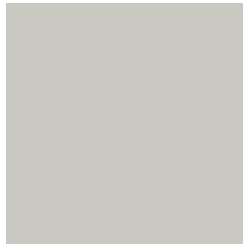
3.1712, 0.1523, 0.0683



0.2309, 0.1589, 0.0921

Previews

White Background



This preview shows how the Yxy color 58.1801, 0.3193, 0.3386 looks on a white background.

Color Contrast Check

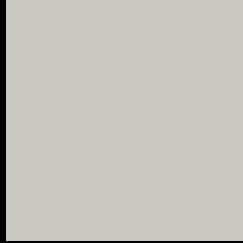
Large Text (above 18pt) WCAG AA × Fail

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 58.1801, 0.3193, 0.3386 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

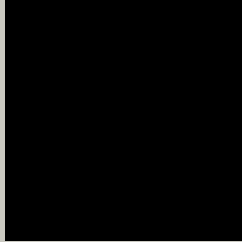
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

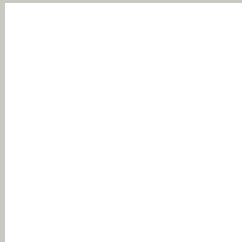
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 58.1801, 0.3193, 0.3386

Background



This preview shows how black text looks on a background with the Yxy color 58.1801, 0.3193, 0.3386.

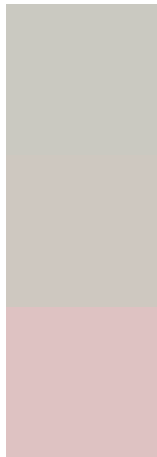


This preview shows how white text looks on a background with the Yxy color 58.1801, 0.3193, 0.3386.

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

58.1801, 0.3193, 0.3386

Protanopia

58.2361, 0.3233, 0.3385

Deuteranopia

58.0082, 0.3356, 0.3291



Tritanopia

58.2223, 0.3066, 0.3104

Trichromacy



Original Color

58.1801, 0.3193, 0.3386

Protanomaly

58.0935, 0.3225, 0.3385

Deuteranomaly

58.2746, 0.3294, 0.3325

Tritanomaly

58.1404, 0.3115, 0.3208

Monochromacy



Original Color

58.1801, 0.3193, 0.3386

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

57.7573, 0.3157, 0.3326

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.1801, 0.3193, 0.3386 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(202, 201, 193)` looks like.

```
.text, #text, p{  
    color:rgb(202, 201, 193)  
}
```

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(202, 201, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 201, 193) }
```

Border

The CSS property to change the border of an element to Yxy 58.1801, 0.3193, 0.3386 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(202, 201, 193) }
```

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

```
.border{ border-color:rgb(202, 201, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 201, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 201, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 201, 193);  
box-shadow:4px 4px 4px 4px rgb(202, 201,  
193) }
```


Background

The CSS property to change the background color of an element to Yxy 58.1801, 0.3193, 0.3386 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 201, 193) }
```

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

```
.background{ background-color: rgb(202,  
201, 193) }
```

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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