

Converting Colors

Yxy(58.2951, 0.3169, 0.3373)

Have a look what the booklet for
Yxy(58.2951, 0.3169, 0.3373)
contains.

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Color

Yxy(58.4606, 0.3162, 0.3374)

Conversions

Conversions Part 1

Format	Color
Hex	C8CAC3
RGB	200, 202, 195
RGB Percent	78%, 79%, 76%
CMY	0.2157, 0.2078, 0.2353
CMYK	0.01, 0.00, 0.03, 0.21
HSL	77°, 6%, 78%
HSV	77°, 3%, 79%
XYZ	54.7873, 58.4606, 60.0200
YIQ	200.6040, 1.0550, -2.6010

Conversions

Conversions Part 2

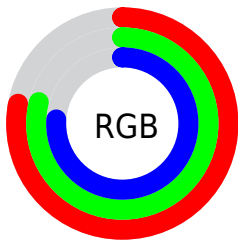
Format	Color
RYB	195, 202, 197
Decimal	13159107
CIELab	80.99, -1.96, 3.24
CIElCh	81, 3.791, 121.132
Yxy	58.4606, 0.3162, 0.3374
Android (android.graphics.Color)	4291349187 (0xFFC8CAC3)
YUV	200.6040, -2.7628, -0.5297
Hunter-Lab	76.4595, -5.8994, 6.9796

Details

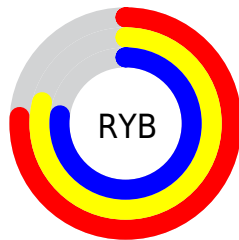
The Yxy color **58.4606, 0.3162, 0.3374** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.1624, 0.3092, 0.3205**, and the grayscale version is **58.1680, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.8083, 0.3144, 0.3319**, and **29.2139, 0.3174, 0.3402** is the 20% darker color. If you saturate the color by 10%, you get **56.8256, 0.3264, 0.3627**, and if you desaturate by 10%, it is **60.2546, 0.3063, 0.3138**.

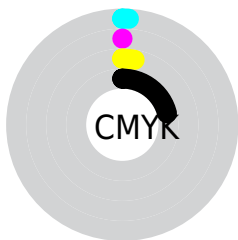
Distribution



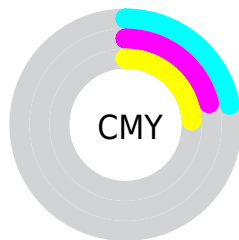
- Red (78%)
- Green (79%)
- Blue (76%)



- Red (76%)
- Yellow (79%)
- Blue (77%)



- Cyan (1%)
- Magenta (0%)
- Yellow (3%)
- Black (21%)



- Cyan (22%)
- Magenta (21%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 58.4606, 0.3162, 0.3374 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 58.4606, 0.3162, 0.3374 by changing the saturation by 10% instead.

■ 58.4606, 0.3162,
0.3374

■ 58.4606, 0.3162,
0.3374

418.9000, 0.3145,
0.3334

■ 42.1791, 0.3166,
0.3384

102.5933, 0.3156,
0.3360

■ 29.2415, 0.3171,
0.3396

131.2132, 0.3154,
0.3354

■ 19.2636, 0.3177,
0.3412

164.7148, 0.3152,
0.3349

■ 11.8609, 0.3186,
0.3434

203.4823, 0.3150,
0.3345

■ 6.6490, 0.3198,
0.3465

247.9002, 0.3149,
0.3342

■ 3.2436, 0.3217,
0.3513

298.3528, 0.3148,

■ 1.2602, 0.3249,

0.3339

0.3597

355.2247, 0.3146,
0.3336

0.1101, 0.3403,
0.6597

0.0000, 0.0000,
0.0000

58.4606, 0.3162,
0.3374

58.4606, 0.3162,
0.3374

56.8256, 0.3264,
0.3627

60.2546, 0.3063,
0.3138

55.3369, 0.3365,
0.3893

62.2051, 0.2968,
0.2921

53.9913, 0.3462,
0.4165

64.2811, 0.2882,
0.2728

52.7829, 0.3551,
0.4437

65.1893, 0.2923,
0.2735

■ 51.7051, 0.3627,
0.4697

■ 66.1291, 0.2964,
0.2741

■ 50.7509, 0.3683,
0.4933

■ 67.1010, 0.3005,
0.2748

■ 49.9123, 0.3717,
0.5134

■ 68.1051, 0.3047,
0.2755

■ 49.1802, 0.3726,
0.5291

■ 69.1418, 0.3089,
0.2762

■ 48.5438, 0.3710,
0.5400

■ 70.2114, 0.3132,
0.2769

Harmonies

Analogous

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



58.4606, 0.3202, 0.3371



58.4606, 0.3162, 0.3374



58.4606, 0.3113, 0.3354

Triad

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



58.4606, 0.3162, 0.3374



58.4606, 0.3033, 0.3233



58.4606, 0.3187, 0.3264

Complementary

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



58.4606, 0.3162, 0.3374



55.1624, 0.3092, 0.3205

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.



58.4606, 0.3141, 0.3228



58.4606, 0.3162, 0.3374



58.4606, 0.3052, 0.3210

Square

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



58.4606, 0.3162, 0.3374



58.4606, 0.3038, 0.3272



58.4606, 0.3092, 0.3208



58.4606, 0.3217, 0.3307

Rectangle

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



58.4606, 0.3162, 0.3374



58.4606, 0.3081, 0.3330



58.4606, 0.3092, 0.3208



58.4606, 0.3173, 0.3250

Sweetspot

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



58.4631, 0.3162, 0.3374



99.6980, 0.3137, 0.3314



56.4207, 0.3182, 0.3314



21.3427, 0.3137, 0.3313



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.



58.4631, 0.3162, 0.3374



98.8083, 0.3168, 0.3388



57.9895, 0.3135, 0.3375



13.1038, 0.3174, 0.3404



31.0393, 0.3698, 0.5446



1.6387, 0.3798, 0.5366

Inverse Universe

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



55.1624, 0.3092, 0.3205



92.3116, 0.3085, 0.3191



55.6376, 0.3119, 0.3206



12.1073, 0.3079, 0.3175



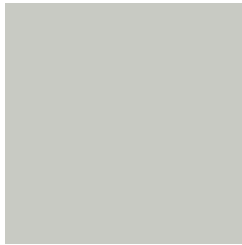
3.3642, 0.1694, 0.0707



0.2127, 0.1911, 0.0826

Previews

White Background



This preview shows how the Yxy color 58.4606, 0.3162, 0.3374 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 58.4606, 0.3162, 0.3374 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

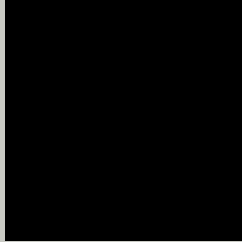
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

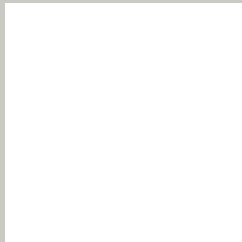
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 58.4606, 0.3162, 0.3374

Background



This preview shows how black text looks on a background with the Yxy color 58.4606, 0.3162, 0.3374.



This preview shows how white text looks on a background with the Yxy color 58.4606, 0.3162, 0.3374.

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

58.4606, 0.3162, 0.3374

Protanopia

58.3254, 0.3218, 0.3361

Deuteranopia

58.1444, 0.3332, 0.3256



Tritanopia

58.4497, 0.3044, 0.3104

Trichromacy



Original Color

58.4606, 0.3162, 0.3374

Protanomaly

58.5057, 0.3202, 0.3373

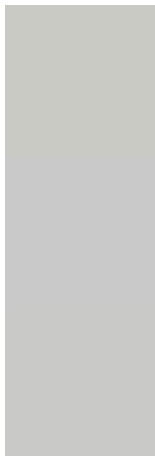
Deuteranomaly

58.2142, 0.3271, 0.3302

Tritanomaly

58.4192, 0.3085, 0.3196

Monochromacy



Original Color

58.4606, 0.3162, 0.3374

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

58.3143, 0.3142, 0.3314

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.4606, 0.3162, 0.3374 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(200, 202, 195)` looks like.

```
.text, #text, p{  
    color:rgb(200, 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(200, 202, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 202, 195) }
```

Border

The CSS property to change the border of an element to Yxy 58.4606, 0.3162, 0.3374 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(200, 202, 195) }
```

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

```
.border{ border-color:rgb(200, 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(200, 202, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 202, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 202, 195);  
box-shadow:4px 4px 4px 4px rgb(200, 202,  
195) }
```


Background

The CSS property to change the background color of an element to Yxy 58.4606, 0.3162, 0.3374 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 202, 195) }
```

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

```
.background{ background-color: rgb(200,  
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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