

Converting Colors

$Yxy(58.3220, 0.3078, 0.3372)$

Have a look what the booklet for
Yxy(58.3220, 0.3078, 0.3372)
contains.

Yxy(58.2933, 0.3078, 0.3375)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(58.2933, 0.3078, 0.3375)

Conversions

Conversions Part 1

Format	Color
Hex	BFCCC5
RGB	191, 204, 197
RGB Percent	75%, 80%, 77%
CMY	0.2508, 0.2000, 0.2275
CMYK	0.06, 0.00, 0.03, 0.20
HSL	148°, 11%, 77%
HSV	148°, 6%, 80%
XYZ	53.1635, 58.2933, 61.2641
YIQ	199.3150, -5.5010, -4.9330

Conversions

Conversions Part 2

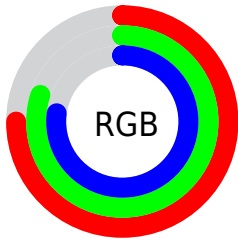
Format	Color
R _Y B	191, 200, 204
Decimal	12569797
CIE Lab	80.90, -5.71, 1.96
CIE LCh	81, 6.040, 161.067
Yxy	58.2933, 0.3078, 0.3375
Android (android.graphics.Color)	4290759877 (0xFFBFCCC5)
YUV	199.3150, -1.1413, -7.2923
Hunter-Lab	76.3500, -9.3208, 5.8701

Details

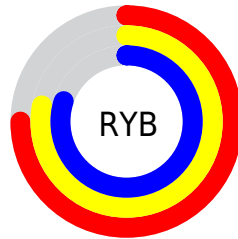
The Yxy color **58.2933, 0.3078, 0.3375** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.1973, 0.3179, 0.3206**, and the grayscale version is **57.3306, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.4499, 0.3084, 0.3300**, and **29.1991, 0.3071, 0.3404** is the 20% darker color. If you saturate the color by 10%, you get **55.3441, 0.3002, 0.3522**, and if you desaturate by 10%, it is **61.6529, 0.3155, 0.3244**.

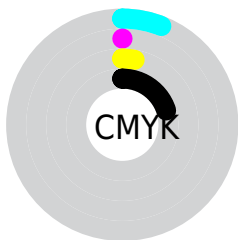
Distribution



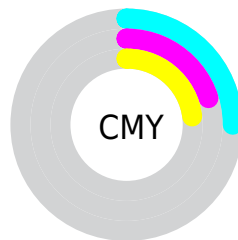
- Red (75%)
- Green (80%)
- Blue (77%)



- Red (75%)
- Yellow (78%)
- Blue (80%)



- Cyan (6%)
- Magenta (0%)
- Yellow (3%)
- Black (20%)



- Cyan (25%)
- Magenta (20%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 58.2933, 0.3078, 0.3375 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 58.2933, 0.3078, 0.3375 by changing the saturation by 10% instead.

■ 58.2933, 0.3078,
0.3375

■ 58.2933, 0.3078,
0.3375

418.2779, 0.3102,
0.3334

■ 42.0445, 0.3072,
0.3385

■ 102.3498, 0.3086,
0.3360

■ 29.1361, 0.3065,
0.3397

130.9264, 0.3090,
0.3355

■ 19.1838, 0.3056,
0.3414

164.3809, 0.3092,
0.3350

■ 11.8032, 0.3043,
0.3436

203.0979, 0.3095,
0.3346

■ 6.6098, 0.3024,
0.3468

247.4617, 0.3097,
0.3342

■ 3.2193, 0.2996,
0.3517

297.8567, 0.3099,

■ 1.2473, 0.2945,

0.3339

0.3606

354.6673, 0.3100,
0.3336

0.0998, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

58.2933, 0.3078,
0.3375

58.2933, 0.3078,
0.3375

55.3441, 0.3002,
0.3522

61.6529, 0.3155,
0.3244

52.7819, 0.2929,
0.3686

65.4306, 0.3232,
0.3128

50.5923, 0.2862,
0.3865

69.6429, 0.3308,
0.3026

48.7569, 0.2804,
0.4058

70.8025, 0.3248,
0.2921

■ 47.2559, 0.2759,
0.4263

■ 71.4829, 0.3170,
0.2817

■ 46.0673, 0.2729,
0.4474

■ 71.6630, 0.3151,
0.2791

■ 45.1665, 0.2718,
0.4686

■ 44.5249, 0.2726,
0.4893

■ 44.1060, 0.2753,
0.5087

Harmonies

Analogous

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



58.2933, 0.3157, 0.3418



58.2933, 0.3078, 0.3375



58.2933, 0.3013, 0.3309

Triad

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



58.2933, 0.3078, 0.3375



58.2933, 0.3026, 0.3157



58.2933, 0.3278, 0.3339

Complementary

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



58.2933, 0.3078, 0.3375



54.1973, 0.3179, 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.



58.2933, 0.3243, 0.3270



58.2933, 0.3078, 0.3375



58.2933, 0.3096, 0.3166

Square

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



58.2933, 0.3078, 0.3375



58.2933, 0.2983, 0.3183



58.2933, 0.3176, 0.3208



58.2933, 0.3273, 0.3396

Rectangle

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



58.2933, 0.3078, 0.3375



58.2933, 0.2986, 0.3261



58.2933, 0.3176, 0.3208



58.2933, 0.3271, 0.3316

Sweetspot

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



58.2958, 0.3078, 0.3375



98.8690, 0.3111, 0.3316



58.9750, 0.3175, 0.3446



21.1739, 0.3112, 0.3315



0.0000, 0.0000, 0.0000



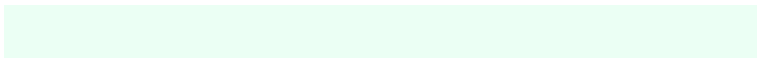
21.4041, 0.3127, 0.3290

Same Dimension

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



58.2958, 0.3078, 0.3375



95.6434, 0.3064, 0.3400



58.5935, 0.3034, 0.3298



12.6212, 0.3055, 0.3418



27.7042, 0.2758, 0.5129



1.4445, 0.2653, 0.4751

Inverse Universe

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



54.1973, 0.3179, 0.3206



87.0796, 0.3195, 0.3183



53.9098, 0.3228, 0.3283



11.3135, 0.3207, 0.3165



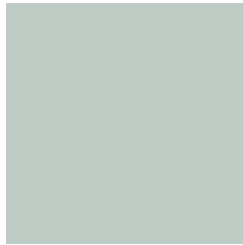
8.8130, 0.4770, 0.2401



0.4699, 0.4384, 0.2188

Previews

White Background



This preview shows how the Yxy color 58.2933, 0.3078, 0.3375 looks on a white background.

Color Contrast Check

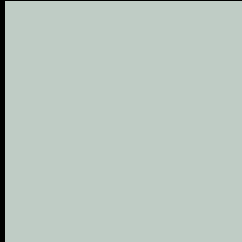
Large Text (above 18pt) WCAG AA × Fail

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 58.2933, 0.3078, 0.3375 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

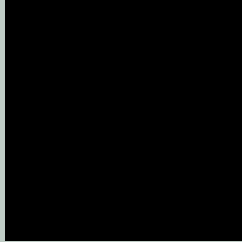
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

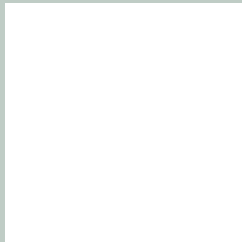
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 58.2933, 0.3078, 0.3375

Background



This preview shows how black text looks on a background with the Yxy color 58.2933, 0.3078, 0.3375.



This preview shows how white text looks on a background with the Yxy color 58.2933, 0.3078, 0.3375.

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

58.2933, 0.3078, 0.3375

Protanopia

58.3705, 0.3211, 0.3349

Deuteranopia

57.9227, 0.3300, 0.3233



Tritanopia

58.2524, 0.2963, 0.3101

Trichromacy



Original Color

58.2933, 0.3078, 0.3375

Protanomaly

58.1763, 0.3163, 0.3350

Deuteranomaly

58.0207, 0.3214, 0.3290

Tritanomaly

58.2317, 0.3003, 0.3194

Monochromacy



Original Color

58.2933, 0.3078, 0.3375

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

57.5863, 0.3110, 0.3326

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.2933, 0.3078, 0.3375 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(191, 204, 197)` looks like.

```
.text, #text, p{  
    color:rgb(191, 204, 197)  
}
```

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(191, 204, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 204, 197) }
```

Border

The CSS property to change the border of an element to Yxy 58.2933, 0.3078, 0.3375 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(191, 204, 197) }
```

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

```
.border{ border-color:rgb(191, 204, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 204, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(191, 204, 197); -webkit-box-shadow:4px 4px 4px 4px rgb(191, 204, 197); box-shadow:4px 4px 4px 4px rgb(191, 204, 197) }
```


Background

The CSS property to change the background color of an element to Yxy 58.2933, 0.3078, 0.3375 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 204, 197) }
```

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

```
.background{ background-color: rgb(191,  
204, 197) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor