

Converting Colors

Yxy(58.3648, 0.3194, 0.3373)

Have a look what the booklet for
Yxy(58.3648, 0.3194, 0.3373)
contains.

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Color

Yxy(58.3648, 0.3194, 0.3373)

Conversions

Conversions Part 1

Format	Color
Hex	CBC9C2
RGB	203, 201, 194
RGB Percent	80%, 79%, 76%
CMY	0.2037, 0.2118, 0.2391
CMYK	0.00, 0.01, 0.04, 0.20
HSL	46°, 8%, 78%
HSV	46°, 4%, 80%
XYZ	55.2675, 58.3648, 59.4030
YIQ	200.8000, 3.4390, -1.7530

Conversions

Conversions Part 2

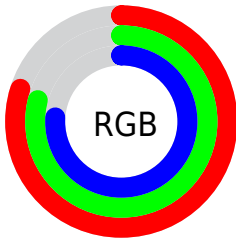
Format	Color
R_{YB}	197, 203, 194
Decimal	13355458
CIE Lab	80.94, -0.52, 3.72
CIE LCh	81, 3.753, 97.951
Yxy	58.3648, 0.3194, 0.3373
Android (android.graphics.Color)	4291545538 (0xFFCBC9C2)
YUV	200.8000, -3.3524, 1.9294
Hunter-Lab	76.3969, -4.5630, 7.3764

Details

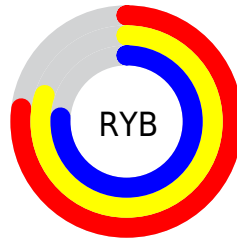
The Yxy color **58.3648, 0.3194, 0.3373** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.3129, 0.3060, 0.3206**, and the grayscale version is **58.3050, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.6821, 0.3156, 0.3338**, and **29.1504, 0.3216, 0.3402** is the 20% darker color. If you saturate the color by 10%, you get **55.3708, 0.3353, 0.3566**, and if you desaturate by 10%, it is **61.5548, 0.3048, 0.3190**.

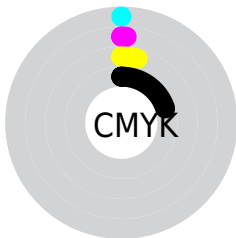
Distribution



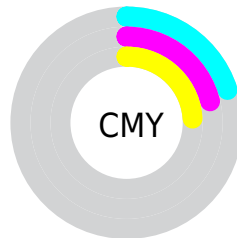
- Red (80%)
- Green (79%)
- Blue (76%)



- Red (77%)
- Yellow (80%)
- Blue (76%)



- Cyan (0%)
- Magenta (1%)
- Yellow (4%)
- Black (20%)



- Cyan (20%)
- Magenta (21%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 58.3648, 0.3194, 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 58.3648, 0.3194, 0.3373 by changing the saturation by 10% instead.

■ 58.3648, 0.3194,
0.3373

■ 58.3648, 0.3194,
0.3373

418.5439, 0.3162,
0.3333

■ 42.1020, 0.3202,
0.3383

■ 102.4539, 0.3183,
0.3359

■ 29.1812, 0.3211,
0.3395

131.0490, 0.3178,
0.3353

■ 19.2179, 0.3224,
0.3410

164.5236, 0.3175,
0.3349

■ 11.8278, 0.3241,
0.3431

203.2622, 0.3171,
0.3345

■ 6.6266, 0.3265,
0.3462

247.6491, 0.3168,
0.3341

■ 3.2297, 0.3302,
0.3508

298.0688, 0.3166,

■ 1.2528, 0.3367,

0.3338

0.3590

354.9056, 0.3164,
0.3336

0.1042, 0.4532,
0.5468

0.0000, 0.0000,
0.0000

58.3648, 0.3194,
0.3373

58.3648, 0.3194,
0.3373

55.3708, 0.3353,
0.3566

61.5548, 0.3048,
0.3190

52.5597, 0.3524,
0.3764

64.9386, 0.2914,
0.3018

49.9279, 0.3703,
0.3963

68.5237, 0.2794,
0.2858

47.4692, 0.3886,
0.4155

70.9414, 0.2797,
0.2909

45.1767, 0.4068,
0.4330

73.4239, 0.2800,
0.2961

43.0428, 0.4240,
0.4478

75.9754, 0.2804,
0.3012

41.0592, 0.4395,
0.4590

78.5966, 0.2807,
0.3063

39.2162, 0.4525,
0.4656

81.2879, 0.2810,
0.3113

37.5023, 0.4625,
0.4676

84.0498, 0.2814,
0.3163

Harmonies

Analogous

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



58.3648, 0.3219, 0.3353



58.3648, 0.3194, 0.3373



58.3648, 0.3151, 0.3371

Triad

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



58.3648, 0.3194, 0.3373



58.3648, 0.3036, 0.3263



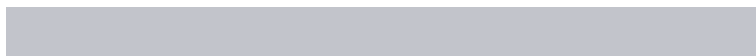
58.3648, 0.3152, 0.3235

Complementary

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



58.3648, 0.3194, 0.3373



55.3129, 0.3060, 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.



58.3648, 0.3103, 0.3211



58.3648, 0.3194, 0.3373



58.3648, 0.3036, 0.3227

Square

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



58.3648, 0.3194, 0.3373



58.3648, 0.3060, 0.3307



58.3648, 0.3061, 0.3208



58.3648, 0.3195, 0.3274

Rectangle

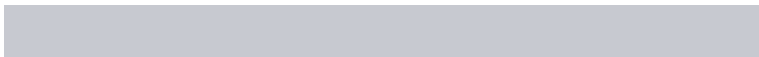
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



58.3648, 0.3194, 0.3373



58.3648, 0.3118, 0.3356



58.3648, 0.3061, 0.3208



58.3648, 0.3136, 0.3225

Sweetspot

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



58.3673, 0.3194, 0.3373



99.4630, 0.3142, 0.3309



55.2900, 0.3184, 0.3265



21.2949, 0.3141, 0.3308



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.



58.3673, 0.3194, 0.3373



97.3482, 0.3203, 0.3385



59.0080, 0.3173, 0.3398



12.8954, 0.3212, 0.3395



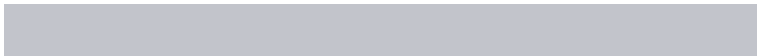
23.4166, 0.4664, 0.4679



1.3177, 0.4554, 0.4766

Inverse Universe

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



55.3129, 0.3060, 0.3206



91.5577, 0.3051, 0.3194



54.7016, 0.3080, 0.3181



12.0424, 0.3042, 0.3182



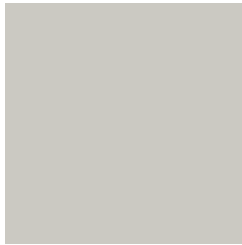
4.1393, 0.1573, 0.0861



0.3326, 0.1679, 0.1242

Previews

White Background



This preview shows how the Yxy color 58.3648, 0.3194, 0.3373 looks on a white background.

Color Contrast Check

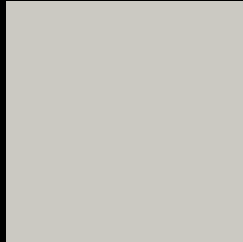
Large Text (above 18pt) WCAG AA × Fail

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 58.3648, 0.3194, 0.3373 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

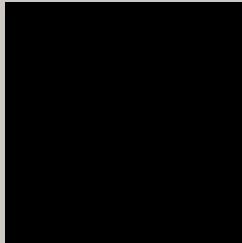
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

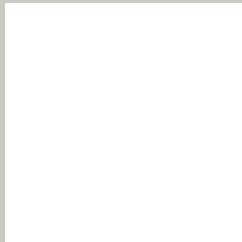
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 58.3648, 0.3194, 0.3373

Background



This preview shows how black text looks on a background with the Yxy color 58.3648, 0.3194, 0.3373.

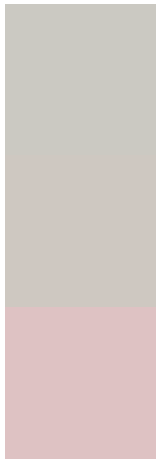


This preview shows how white text looks on a background with the Yxy color 58.3648, 0.3194, 0.3373.

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

58.3648, 0.3194, 0.3373

Protanopia

58.2806, 0.3226, 0.3373

Deuteranopia

58.0533, 0.3348, 0.3279



Tritanopia

58.3650, 0.3074, 0.3105

Trichromacy



Original Color

58.3648, 0.3194, 0.3373

Protanomaly

58.1379, 0.3218, 0.3373

Deuteranomaly

58.3197, 0.3286, 0.3314

Tritanomaly

58.3310, 0.3116, 0.3196

Monochromacy



Original Color

58.3648, 0.3194, 0.3373

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

58.4071, 0.3157, 0.3326

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.3648, 0.3194, 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, 201, 194)` looks like.

```
.text, #text, p{  
    color:rgb(203, 201, 194)  
}
```

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, 201, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 201, 194) }
```

Border

The CSS property to change the border of an element to Yxy 58.3648, 0.3194, 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, 201, 194) }
```

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

```
.border{ border-color:rgb(203, 201, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 201, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 201, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 201, 194);  
box-shadow:4px 4px 4px 4px rgb(203, 201,  
194) }
```


Background

The CSS property to change the background color of an element to Yxy 58.3648, 0.3194, 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, 201, 194) }
```

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

```
.background{ background-color: rgb(203,  
201, 194) }
```

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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