

Converting Colors

Yxy(59.5013, 0.3188, 0.3400)

Have a look what the booklet for
Yxy(59.5013, 0.3188, 0.3400)
contains.

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Color

Yxy(59.3034, 0.3192, 0.3397)

Conversions

Conversions Part 1

Format	Color
Hex	CBCBC2
RGB	203, 203, 194
RGB Percent	80%, 80%, 76%
CMY	0.2039, 0.2039, 0.2392
CMYK	0.00, 0.00, 0.04, 0.20
HSL	60°, 8%, 78%
HSV	60°, 4%, 80%
XYZ	55.7246, 59.3034, 59.5478
YIQ	201.9740, 2.8890, -2.7990

Conversions

Conversions Part 2

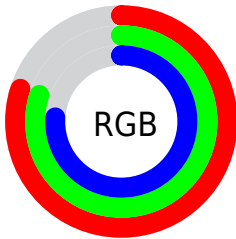
Format	Color
RYB	194, 203, 194
Decimal	13355970
CIELab	81.46, -1.60, 4.48
CIElCh	81, 4.753, 109.668
Yxy	59.3034, 0.3192, 0.3397
Android (android.graphics.Color)	4291546050 (0xFFCBCBC2)
YUV	201.9740, -3.9312, 0.8998
Hunter-Lab	77.0087, -5.6001, 8.0595

Details

The Yxy color **59.3034, 0.3192, 0.3397** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.3711, 0.3061, 0.3181**, and the grayscale version is **59.0717, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.6821, 0.3156, 0.3338**, and **29.7779, 0.3214, 0.3433** is the 20% darker color. If you saturate the color by 10%, you get **58.4416, 0.3342, 0.3644**, and if you desaturate by 10%, it is **60.2949, 0.3048, 0.3159**.

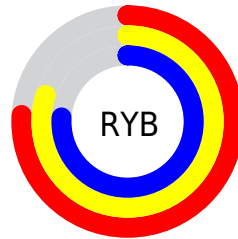
Distribution



Red (80%)

Green (80%)

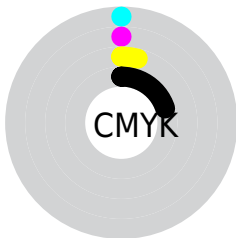
Blue (76%)



Red (76%)

Yellow (80%)

Blue (76%)

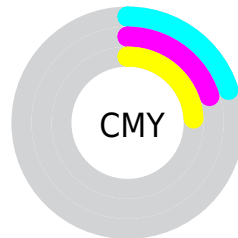


Cyan (0%)

Magenta (0%)

Yellow (4%)

Black (20%)



Cyan (20%)

Magenta (20%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 59.3034, 0.3192, 0.3397 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 59.3034, 0.3192, 0.3397 by changing the saturation by 10% instead.

■ 59.3034, 0.3192,
0.3397

■ 59.3034, 0.3192,
0.3397

422.0253, 0.3161,
0.3346

■ 42.8574, 0.3199,
0.3409

■ 103.8185, 0.3181,
0.3379

■ 29.7732, 0.3209,
0.3425

132.6564, 0.3177,
0.3372

■ 19.6665, 0.3221,
0.3445

166.3937, 0.3173,
0.3366

■ 12.1529, 0.3237,
0.3472

205.4148, 0.3170,
0.3361

■ 6.8479, 0.3260,
0.3511

250.1041, 0.3167,
0.3356

■ 3.3672, 0.3294,
0.3571

300.8461, 0.3165,

■ 1.3263, 0.3354,

0.3352

0.3675

358.0250, 0.3163,
0.3349

0.1614, 0.4147,
0.5853

0.0000, 0.0000,
0.0000

59.3034, 0.3192,
0.3397

59.3034, 0.3192,
0.3397

58.4416, 0.3342,
0.3644

60.2949, 0.3048,
0.3159

57.6969, 0.3493,
0.3894

61.4133, 0.2912,
0.2934

57.0664, 0.3642,
0.4139

62.6654, 0.2785,
0.2725

56.5444, 0.3782,
0.4371

62.6851, 0.2784,
0.2724

■ 56.1246, 0.3908,
0.4579

■ 62.6987, 0.2785,
0.2725

■ 55.8000, 0.4015,
0.4754

■ 62.7123, 0.2785,
0.2725

■ 55.5631, 0.4097,
0.4890

■ 62.7258, 0.2785,
0.2725

■ 55.4047, 0.4154,
0.4983

■ 62.7394, 0.2785,
0.2726

■ 55.3139, 0.4185,
0.5034

■ 62.7530, 0.2785,
0.2726

Harmonies

Analogous

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



59.3034, 0.3234, 0.3382



59.3034, 0.3192, 0.3397



59.3034, 0.3133, 0.3383

Triad

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



59.3034, 0.3192, 0.3397



59.3034, 0.3008, 0.3236



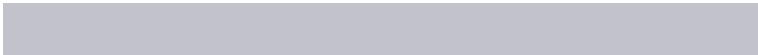
59.3034, 0.3182, 0.3238

Complementary

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



59.3034, 0.3192, 0.3397



54.3711, 0.3061, 0.3181

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.



59.3034, 0.3121, 0.3200



59.3034, 0.3192, 0.3397



59.3034, 0.3021, 0.3198

Square

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



59.3034, 0.3192, 0.3397



59.3034, 0.3027, 0.3289



59.3034, 0.3062, 0.3185



59.3034, 0.3228, 0.3290

Rectangle

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



59.3034, 0.3192, 0.3397



59.3034, 0.3092, 0.3358



59.3034, 0.3062, 0.3185



59.3034, 0.3162, 0.3223

Sweetspot

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



59.3060, 0.3192, 0.3397



99.8345, 0.3142, 0.3314



55.1839, 0.3199, 0.3288



21.3704, 0.3141, 0.3313



0.0000, 0.0000, 0.0000



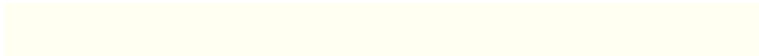
21.4041, 0.3127, 0.3290

Same Dimension

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



59.3060, 0.3192, 0.3397



99.1943, 0.3201, 0.3412



58.7088, 0.3158, 0.3398



13.1681, 0.3210, 0.3426



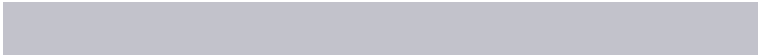
35.1767, 0.4196, 0.5051



1.8156, 0.4195, 0.5051

Inverse Universe

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



54.3711, 0.3061, 0.3181



89.8054, 0.3051, 0.3165



54.9504, 0.3095, 0.3182



11.7850, 0.3042, 0.3150



2.7491, 0.1500, 0.0601



0.1427, 0.1501, 0.0605

Previews

White Background



This preview shows how the Yxy color 59.3034, 0.3192, 0.3397 looks on a white background.

Color Contrast Check

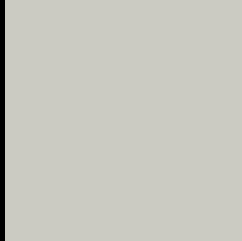
Large Text (above 18pt) WCAG AA × Fail

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 59.3034, 0.3192, 0.3397 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

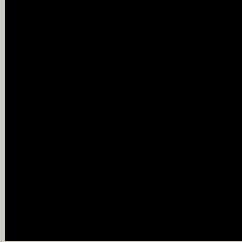
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

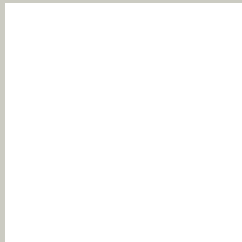
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 59.3034, 0.3192, 0.3397

Background



This preview shows how black text looks on a background with the Yxy color 59.3034, 0.3192, 0.3397.



This preview shows how white text looks on a background with the Yxy color 59.3034, 0.3192, 0.3397.

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

59.3034, 0.3192, 0.3397

Protanopia

59.0334, 0.3241, 0.3384

Deuteranopia

59.2673, 0.3361, 0.3302



Tritanopia

59.3882, 0.3059, 0.3105

Trichromacy



Original Color

59.3034, 0.3192, 0.3397

Protanomaly

59.2131, 0.3224, 0.3397

Deuteranomaly

59.3859, 0.3292, 0.3337

Tritanomaly

59.3065, 0.3108, 0.3208

Monochromacy



Original Color

59.3034, 0.3192, 0.3397

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 59.3034, 0.3192, 0.3397 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, 203, 194)` looks like.

```
.text, #text, p{  
    color:rgb(203, 203, 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, 203, 194) colored shadow looks like.

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

Border

The CSS property to change the border of an element to Yxy 59.3034, 0.3192, 0.3397 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, 203, 194) }
```

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

```
.border{ border-color:rgb(203, 203, 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, 203, 194)` colored shadow looks like.

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


Background

The CSS property to change the background color of an element to Yxy 59.3034, 0.3192, 0.3397 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 203, 194) }
```

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

```
.background{ background-color: rgb(203,  
203, 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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