

Converting Colors

Yxy(59.3538, 0.3313, 0.3640)

Have a look what the booklet for
Yxy(59.3538, 0.3313, 0.3640)
contains.

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Color

Yxy(59.3538, 0.3313, 0.3640)

Conversions

Conversions Part 1

Format	Color
Hex	CACDB0
RGB	202, 205, 176
RGB Percent	79%, 80%, 69%
CMY	0.2079, 0.1960, 0.3098
CMYK	0.01, 0.00, 0.14, 0.20
HSL	66°, 22%, 75%
HSV	66°, 14%, 80%
XYZ	54.0217, 59.3538, 49.6843
YIQ	200.7970, 7.5210, -9.6550

Conversions

Conversions Part 2

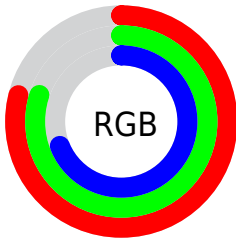
Format	Color
RYB	176, 205, 179
Decimal	13290928
CIELab	81.49, -6.03, 14.10
CIELCh	81, 15.337, 113.133
Yxy	59.3538, 0.3313, 0.3640
Android (android.graphics.Color)	4291481008 (0xFFCACDB0)
YUV	200.7970, -12.2249, 1.0550
Hunter-Lab	77.0414, -9.6576, 15.6926

Details

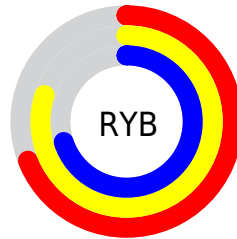
The Yxy color **59.3538, 0.3313, 0.3640** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **45.0474, 0.2926, 0.2920**, and the grayscale version is **58.3501, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.6062, 0.3262, 0.3513**, and **29.8592, 0.3365, 0.3742** is the 20% darker color. If you saturate the color by 10%, you get **58.3090, 0.3446, 0.3896**, and if you desaturate by 10%, it is **60.5306, 0.3181, 0.3390**.

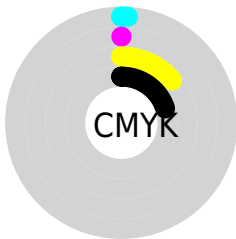
Distribution



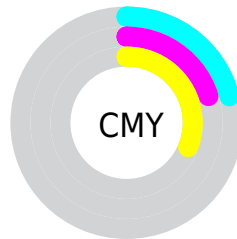
- Red (79%)
- Green (80%)
- Blue (69%)



- Red (69%)
- Yellow (80%)
- Blue (70%)



- Cyan (1%)
- Magenta (0%)
- Yellow (14%)
- Black (20%)





- Cyan (21%)
- Magenta (20%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.3538, 0.3313, 0.3640 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 59.3538, 0.3313, 0.3640 by changing the saturation by 10% instead.


 59.3538, 0.3313,
0.3640

 59.3538, 0.3313,
0.3640

422.2118, 0.3225,
0.3470

 42.8980, 0.3334,
0.3681


 103.8917, 0.3282,
0.3579

 29.8051, 0.3359,
0.3733


132.7426, 0.3270,
0.3556

 19.6907, 0.3392,
0.3800

166.4939, 0.3260,
0.3537

 12.1704, 0.3435,
0.3891

205.5302, 0.3251,
0.3520

 6.8598, 0.3495,
0.4022

250.2357, 0.3243,
0.3505

 3.3746, 0.3581,
0.4222

300.9949, 0.3236,

 1.3303, 0.3848,

0.3492

0.4734

358.1921, 0.3230,
0.3480

0.1645, 0.0532,
0.9468

0.0000, 0.0000,
0.0000

59.3538, 0.3313,
0.3640

59.3538, 0.3313,
0.3640

58.3090, 0.3446,
0.3896

60.5306, 0.3181,
0.3390

57.3827, 0.3576,
0.4152

61.8365, 0.3053,
0.3153


56.5717, 0.3698,
0.4399

63.2792, 0.2932,
0.2930

55.8696, 0.3805,
0.4626


64.6680, 0.2836,
0.2753

 55.2693, 0.3893,
0.4823


 64.9850, 0.2851,
0.2756


 54.7629, 0.3958,
0.4983


 65.3063, 0.2865,
0.2758

 54.3411, 0.3997,
0.5098

 65.6318, 0.2880,
0.2760

 53.9929, 0.4010,
0.5170

 65.9615, 0.2895,
0.2762

 53.8116, 0.4010,
0.5198

 66.2955, 0.2910,
0.2765

Harmonies

Analogous

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



59.3538, 0.3462, 0.3595



59.3538, 0.3313, 0.3640



59.3538, 0.3118, 0.3585

Triad

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



59.3538, 0.3313, 0.3640



59.3538, 0.2750, 0.3092



59.3538, 0.3323, 0.3142

Complementary

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



59.3538, 0.3313, 0.3640



45.0474, 0.2926, 0.2920

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.



59.3538, 0.3127, 0.3018



59.3538, 0.3313, 0.3640



59.3538, 0.2800, 0.2985

Square

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



59.3538, 0.3313, 0.3640



59.3538, 0.2796, 0.3259



59.3538, 0.2936, 0.2960



59.3538, 0.3469, 0.3305

Rectangle

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



59.3538, 0.3313, 0.3640



59.3538, 0.2988, 0.3498



59.3538, 0.2936, 0.2960



59.3538, 0.3261, 0.3095

Sweetspot

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



59.3564, 0.3313, 0.3640



99.1591, 0.3180, 0.3388



48.3170, 0.3382, 0.3327



21.1911, 0.3190, 0.3407



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.



59.3564, 0.3313, 0.3640



96.6683, 0.3354, 0.3718



57.4434, 0.3199, 0.3653



13.0350, 0.3250, 0.3520



33.5207, 0.4013, 0.5196



1.7468, 0.4050, 0.5166

Inverse Universe

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



45.0474, 0.2926, 0.2920



68.7572, 0.2878, 0.2832



46.8513, 0.3045, 0.2933



10.8991, 0.2998, 0.3051



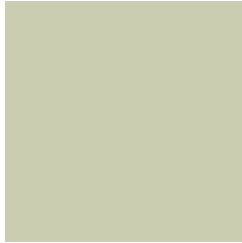
2.8659, 0.1539, 0.0622



0.1673, 0.1657, 0.0686

Previews

White Background



This preview shows how the Yxy color 59.3538, 0.3313, 0.3640 looks on a white background.

Color Contrast Check

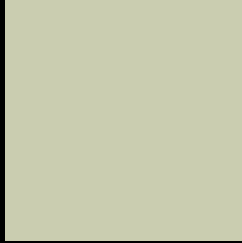
Large Text (above 18pt) WCAG AA × Fail

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 59.3538, 0.3313, 0.3640 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

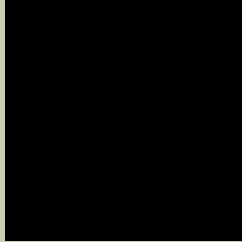
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

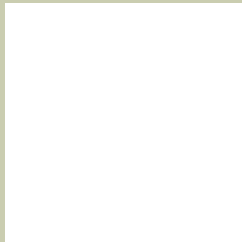
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 59.3538, 0.3313, 0.3640

Background



This preview shows how black text looks on a background with the Yxy color 59.3538, 0.3313, 0.3640.



This preview shows how white text looks on a background with the Yxy color 59.3538, 0.3313, 0.3640.

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

59.3538, 0.3313, 0.3640

Protanopia

59.2941, 0.3414, 0.3621

Deuteranopia

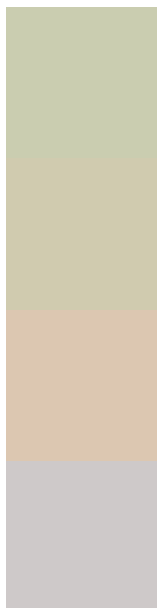
59.2335, 0.3557, 0.3482



Tritanopia

59.1630, 0.3082, 0.3106

Trichromacy



Original Color

59.3538, 0.3313, 0.3640

Protanomaly

59.2169, 0.3372, 0.3624

Deuteranomaly

59.2368, 0.3464, 0.3545

Tritanomaly

59.1121, 0.3166, 0.3290

Monochromacy



Original Color

59.3538, 0.3313, 0.3640

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

58.4643, 0.3192, 0.3410

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.3538, 0.3313, 0.3640 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, 205, 176)` looks like.

```
.text, #text, p{  
    color:rgb(202, 205, 176)  
}
```

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, 205, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 205, 176) }
```

Border

The CSS property to change the border of an element to Yxy 59.3538, 0.3313, 0.3640 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, 205, 176) }
```

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

```
.border{ border-color:rgb(202, 205, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 205, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 205, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 205, 176);  
box-shadow:4px 4px 4px 4px rgb(202, 205,  
176) }
```


Background

The CSS property to change the background color of an element to Yxy 59.3538, 0.3313, 0.3640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 205, 176) }
```

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

```
.background{ background-color: rgb(202,  
205, 176) }
```

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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