

Converting Colors

Yxy(59.0625, 0.3311, 0.3616)

Have a look what the booklet for
Yxy(59.0625, 0.3311, 0.3616)
contains.

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Color

Yxy(59.0566, 0.3315, 0.3615)

Conversions

Conversions Part 1

Format	Color
Hex	CBCCB1
RGB	203, 204, 177
RGB Percent	80%, 80%, 69%
CMY	0.2040, 0.2000, 0.3058
CMYK	0.01, 0.00, 0.13, 0.20
HSL	62°, 21%, 75%
HSV	62°, 13%, 80%
XYZ	54.1556, 59.0566, 50.1532
YIQ	200.6230, 8.0710, -8.6090

Conversions

Conversions Part 2

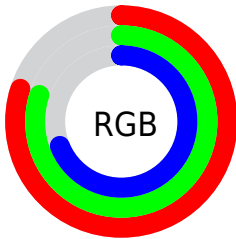
Format	Color
RYB	177, 204, 178
Decimal	13356209
CIELab	81.32, -4.98, 13.34
CIELCh	81, 14.240, 110.475
Yxy	59.0566, 0.3315, 0.3615
Android (android.graphics.Color)	4291546289 (0xFFCBCCB1)
YUV	200.6230, -11.6461, 2.0846
Hunter-Lab	76.8483, -8.6941, 15.0996

Details

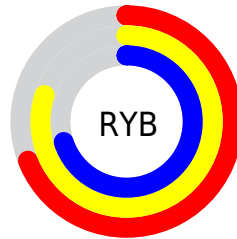
The Yxy color $59.0566, 0.3315, 0.3615$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $45.2864, 0.2926, 0.2945$, and the grayscale version is $58.2337, 0.3127, 0.3290$.

A 20% lighter version of the original color is $98.6632, 0.3256, 0.3503$, and $29.6575, 0.3369, 0.3709$ is the 20% darker color. If you saturate the color by 10%, you get $58.1967, 0.3460, 0.3867$, and if you desaturate by 10%, it is $60.0438, 0.3172, 0.3368$.

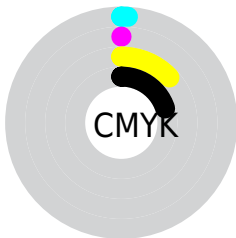
Distribution



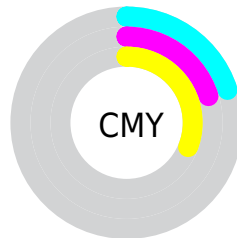
- Red (80%)
- Green (80%)
- Blue (69%)



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



- Cyan (1%)
- Magenta (0%)
- Yellow (13%)
- Black (20%)




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

Brightness & Saturation Gradients

These gradients show how the Yxy color 59.0566, 0.3315, 0.3615 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 59.0566, 0.3315, 0.3615 by changing the saturation by 10% instead.


 59.0566, 0.3315,
0.3615

 59.0566, 0.3315,
0.3615

421.1116, 0.3226,
0.3457

 42.6587, 0.3336,
0.3653

 103.4599, 0.3284,
0.3559

 29.6174, 0.3362,
0.3701


132.2341, 0.3271,
0.3537

 19.5484, 0.3396,
0.3763


165.9025, 0.3261,
0.3519

 12.0672, 0.3440,
0.3848

204.8496, 0.3252,
0.3503

 6.7894, 0.3502,
0.3968

249.4596, 0.3244,
0.3490

 3.3308, 0.3593,
0.4154

300.1170, 0.3237,

 1.3068, 0.3855,

0.3478

0.4618

357.2062, 0.3231,
0.3467

■ 0.1464, 0.1072,
0.8928

■ 0.0000, 0.0000,
0.0000

■ 59.0566, 0.3315,
0.3615

■ 59.0566, 0.3315,
0.3615

■ 58.1967, 0.3460,
0.3867

■ 60.0438, 0.3172,
0.3368

■ 57.4510, 0.3602,
0.4118

■ 61.1557, 0.3035,
0.3131

■ 56.8164, 0.3737,
0.4357

■ 62.3995, 0.2905,
0.2908

■ 56.2864, 0.3858,
0.4575

■ 63.5438, 0.2806,
0.2738

■ 55.8543, 0.3960,
0.4762

■ 63.6552, 0.2811,
0.2739

■ 55.5123, 0.4038,
0.4911

■ 63.7671, 0.2816,
0.2739

■ 55.2515, 0.4091,
0.5017

■ 63.8795, 0.2821,
0.2740

■ 55.0611, 0.4119,
0.5080

■ 63.9926, 0.2827,
0.2741

■ 54.9591, 0.4127,
0.5105

■ 64.1061, 0.2832,
0.2742

Harmonies

Analogous

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



59.0566, 0.3447, 0.3566



59.0566, 0.3315, 0.3615



59.0566, 0.3135, 0.3572

Triad

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



59.0566, 0.3315, 0.3615



59.0566, 0.2776, 0.3118



59.0566, 0.3295, 0.3140

Complementary

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



59.0566, 0.3315, 0.3615



45.2864, 0.2926, 0.2945

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.



59.0566, 0.3111, 0.3028



59.0566, 0.3315, 0.3615



59.0566, 0.2815, 0.3012

Square

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



59.0566, 0.3315, 0.3615



59.0566, 0.2827, 0.3277



59.0566, 0.2936, 0.2981



59.0566, 0.3436, 0.3291

Rectangle

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



59.0566, 0.3315, 0.3615



59.0566, 0.3013, 0.3495



59.0566, 0.2936, 0.2981



59.0566, 0.3235, 0.3097

Sweetspot

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



59.0592, 0.3315, 0.3615



99.2869, 0.3184, 0.3388



47.8256, 0.3366, 0.3302



21.2236, 0.3195, 0.3406



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.



59.0592, 0.3315, 0.3615



97.3522, 0.3358, 0.3690



57.2632, 0.3209, 0.3626



13.0741, 0.3260, 0.3519



34.5984, 0.4128, 0.5105



1.7918, 0.4141, 0.5094

Inverse Universe

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



45.2864, 0.2926, 0.2945



69.9755, 0.2876, 0.2859



46.9457, 0.3036, 0.2956



10.8640, 0.2988, 0.3051



2.7847, 0.1513, 0.0607



0.1509, 0.1559, 0.0632

Previews

White Background



This preview shows how the Yxy color 59.0566, 0.3315, 0.3615 looks on a white background.

Color Contrast Check

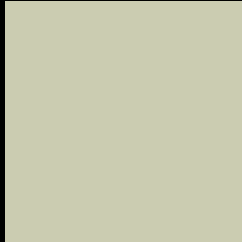
Large Text (above 18pt) WCAG AA × Fail

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 59.0566, 0.3315, 0.3615 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

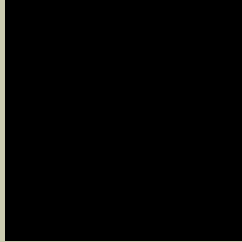
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

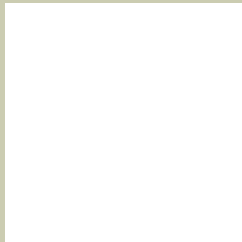
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 59.0566, 0.3315, 0.3615

Background



This preview shows how black text looks on a background with the Yxy color 59.0566, 0.3315, 0.3615.



This preview shows how white text looks on a background with the Yxy color 59.0566, 0.3315, 0.3615.

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

59.0566, 0.3315, 0.3615

Protanopia

58.9049, 0.3401, 0.3586

Deuteranopia

59.1079, 0.3541, 0.3471



Tritanopia

59.1118, 0.3089, 0.3117

Trichromacy



Original Color

59.0566, 0.3315, 0.3615

Protanomaly

58.9310, 0.3375, 0.3600

Deuteranomaly

58.8182, 0.3458, 0.3522

Tritanomaly

59.1121, 0.3166, 0.3290

Monochromacy



Original Color

59.0566, 0.3315, 0.3615

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

58.6034, 0.3199, 0.3410

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.0566, 0.3315, 0.3615 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, 204, 177)` looks like.

```
.text, #text, p{  
    color:rgb(203, 204, 177)  
}
```

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, 204, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 204, 177) }
```

Border

The CSS property to change the border of an element to Yxy 59.0566, 0.3315, 0.3615 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, 204, 177) }
```

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

```
.border{ border-color:rgb(203, 204, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 204, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(203, 204, 177); -webkit-box-shadow:4px 4px 4px 4px rgb(203, 204, 177); box-shadow:4px 4px 4px 4px rgb(203, 204, 177) }
```


Background

The CSS property to change the background color of an element to Yxy 59.0566, 0.3315, 0.3615 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 204, 177) }
```

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

```
.background{ background-color: rgb(203,  
204, 177) }
```

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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