

Converting Colors

Yxy(58.5766, 0.3289, 0.3611)

Have a look what the booklet for
Yxy(58.5766, 0.3289, 0.3611)
contains.

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Color

Yxy(58.6394, 0.3291, 0.3618)

Conversions

Conversions Part 1

Format	Color
Hex	C8CCB1
RGB	200, 204, 177
RGB Percent	78%, 80%, 69%
CMY	0.2158, 0.1999, 0.3059
CMYK	0.02, 0.00, 0.13, 0.20
HSL	69°, 21%, 75%
HSV	69°, 13%, 80%
XYZ	53.3395, 58.6394, 50.0980
YIQ	199.7260, 6.2830, -9.2450

Conversions

Conversions Part 2

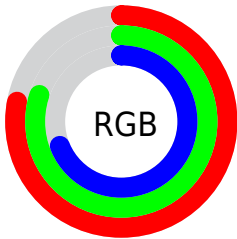
Format	Color
RYB	177, 204, 181
Decimal	13159601
CIELab	81.09, -6.08, 13.00
CIElCh	81, 14.354, 115.078
Yxy	58.6394, 0.3291, 0.3618
Android (android.graphics.Color)	4291349681 (0xFFC8CCB1)
YUV	199.7260, -11.2039, 0.2403
Hunter-Lab	76.5764, -9.6740, 14.8146

Details

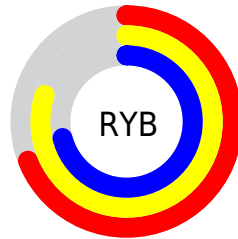
The Yxy color **58.6394, 0.3291, 0.3618** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **45.6320, 0.2950, 0.2947**, and the grayscale version is **57.6465, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.6632, 0.3256, 0.3503**, and **29.3789, 0.3336, 0.3713** is the 20% darker color. If you saturate the color by 10%, you get **57.4709, 0.3416, 0.3876**, and if you desaturate by 10%, it is **59.9431, 0.3167, 0.3368**.

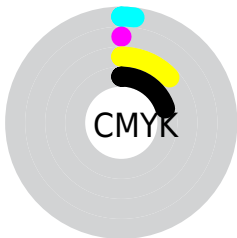
Distribution



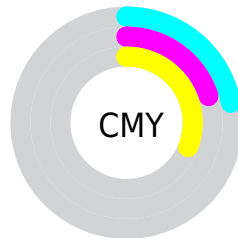
- Red (78%)
- Green (80%)
- Blue (69%)



- Red (69%)
- Yellow (80%)
- Blue (71%)



- Cyan (2%)
- Magenta (0%)
- Yellow (13%)
- Black (20%)




- Cyan (22%)
- Magenta (20%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.6394, 0.3291, 0.3618 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 58.6394, 0.3291, 0.3618 by changing the saturation by 10% instead.


 58.6394, 0.3291,
0.3618

 58.6394, 0.3291,
0.3618

419.5643, 0.3213,
0.3458

 42.3229, 0.3309,
0.3657


 102.8534, 0.3264,
0.3561

 29.3542, 0.3332,
0.3705


131.5197, 0.3253,
0.3539

 19.3489, 0.3361,
0.3769


165.0713, 0.3244,
0.3521

 11.9227, 0.3400,
0.3856

203.8928, 0.3236,
0.3505

 6.6911, 0.3453,
0.3980

248.3684, 0.3229,
0.3491

 3.2696, 0.3530,
0.4172

298.8826, 0.3223,

 1.2741, 0.3773,

0.3479

0.4661

355.8198, 0.3218,
0.3468

0.1210, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

58.6394, 0.3291,
0.3618

58.6394, 0.3291,
0.3618

57.4709, 0.3416,
0.3876

59.9431, 0.3167,
0.3368

56.4245, 0.3538,
0.4137

61.3794, 0.3046,
0.3132

55.4970, 0.3652,
0.4391

62.9556, 0.2932,
0.2912

54.6819, 0.3753,
0.4628

64.4423, 0.2847,
0.2744

■ 53.9723, 0.3835,
0.4837

■ 64.9024, 0.2868,
0.2748

■ 53.3605, 0.3894,
0.5010

■ 65.3712, 0.2889,
0.2751

■ 52.8375, 0.3927,
0.5140

■ 65.8487, 0.2911,
0.2754

■ 52.3924, 0.3934,
0.5224

■ 66.3350, 0.2932,
0.2758

■ 52.1230, 0.3929,
0.5262

■ 66.8301, 0.2953,
0.2761

Harmonies

Analogous

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



58.6394, 0.3435, 0.3582



58.6394, 0.3291, 0.3618



58.6394, 0.3106, 0.3560

Triad

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



58.6394, 0.3291, 0.3618



58.6394, 0.2772, 0.3095



58.6394, 0.3322, 0.3160

Complementary

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



58.6394, 0.3291, 0.3618



45.6320, 0.2950, 0.2947

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.



58.6394, 0.3140, 0.3039



58.6394, 0.3291, 0.3618



58.6394, 0.2825, 0.2999

Square

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



58.6394, 0.3291, 0.3618



58.6394, 0.2810, 0.3250



58.6394, 0.2958, 0.2980



58.6394, 0.3454, 0.3315

Rectangle

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



58.6394, 0.3291, 0.3618



58.6394, 0.2986, 0.3475



58.6394, 0.2958, 0.2980



58.6394, 0.3265, 0.3115

Sweetspot

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



58.6420, 0.3291, 0.3618



99.0711, 0.3177, 0.3388



49.0808, 0.3361, 0.3341



21.1688, 0.3186, 0.3407



0.0000, 0.0000, 0.0000



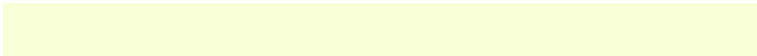
21.4041, 0.3127, 0.3290

Same Dimension

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



58.6420, 0.3291, 0.3618



96.5021, 0.3328, 0.3694



56.8638, 0.3184, 0.3629



13.0081, 0.3243, 0.3521



32.8329, 0.3933, 0.5259



1.7175, 0.3987, 0.5216

Inverse Universe

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



45.6320, 0.2950, 0.2947



70.6808, 0.2906, 0.2863



47.3456, 0.3062, 0.2958



10.9235, 0.3005, 0.3052



2.9492, 0.1566, 0.0636



0.1786, 0.1723, 0.0723

Previews

White Background



This preview shows how the Yxy color 58.6394, 0.3291, 0.3618 looks on a white background.

Color Contrast Check

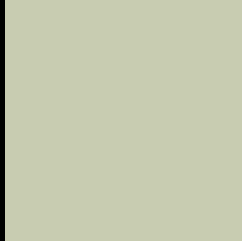
Large Text (above 18pt) WCAG AA × Fail

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 58.6394, 0.3291, 0.3618 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

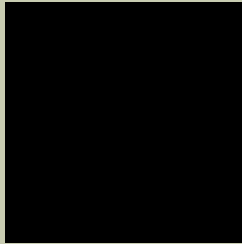
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

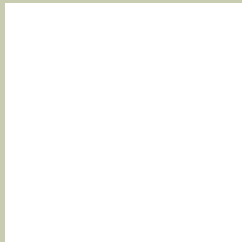
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 58.6394, 0.3291, 0.3618

Background



This preview shows how black text looks on a background with the Yxy color 58.6394, 0.3291, 0.3618.



This preview shows how white text looks on a background with the Yxy color 58.6394, 0.3291, 0.3618.

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

58.6394, 0.3291, 0.3618

Protanopia

58.7173, 0.3401, 0.3598

Deuteranopia

58.4963, 0.3534, 0.3461



Tritanopia

58.6810, 0.3066, 0.3116

Trichromacy



Original Color

58.6394, 0.3291, 0.3618

Protanomaly

58.6410, 0.3358, 0.3601

Deuteranomaly

58.5079, 0.3441, 0.3523

Tritanomaly

58.6868, 0.3143, 0.3290

Monochromacy



Original Color

58.6394, 0.3291, 0.3618

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

57.8584, 0.3185, 0.3398

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.6394, 0.3291, 0.3618 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(200, 204, 177)` looks like.

```
.text, #text, p{  
    color:rgb(200, 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(200, 204, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 204, 177) }
```

Border

The CSS property to change the border of an element to Yxy 58.6394, 0.3291, 0.3618 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(200, 204, 177) }
```

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

```
.border{ border-color:rgb(200, 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(200, 204, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 204, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 204, 177);  
box-shadow:4px 4px 4px 4px rgb(200, 204,  
177) }
```


Background

The CSS property to change the background color of an element to Yxy 58.6394, 0.3291, 0.3618 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 204, 177) }
```

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

```
.background{ background-color: rgb(200,  
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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