

Converting Colors

$Yxy(59.2514, 0.3508, 0.3961)$

Have a look what the booklet for
Yxy(59.2514, 0.3508, 0.3961)
contains.

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Color

Yxy(59.2143, 0.3511, 0.3955)

Conversions

Conversions Part 1

Format	Color
Hex	CCCE97
RGB	204, 206, 151
RGB Percent	80%, 81%, 59%
CMY	0.1999, 0.1922, 0.4078
CMYK	0.01, 0.00, 0.27, 0.19
HSL	62°, 36%, 70%
HSV	62°, 27%, 81%
XYZ	52.5667, 59.2143, 37.9391
YIQ	199.1320, 16.4630, -17.5290

Conversions

Conversions Part 2

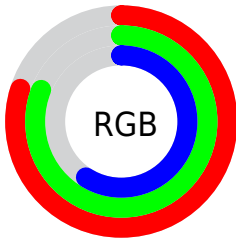
Format	Color
R _{YB}	151, 206, 153
Decimal	13422231
CIE Lab	81.41, -9.45, 27.21
CIE LCh	81, 28.805, 109.148
Yxy	59.2143, 0.3511, 0.3955
Android (android.graphics.Color)	4291612311 (0xFFCCCE97)
YUV	199.1320, -23.7291, 4.2692
Hunter-Lab	76.9508, -12.7268, 24.6338

Details

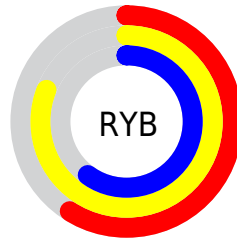
The Yxy color **59.2143, 0.3511, 0.3955** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **33.3601, 0.2684, 0.2534**, and the grayscale version is **57.3433, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.2362, 0.3418, 0.3770**, and **29.7661, 0.3594, 0.4127** is the 20% darker color. If you saturate the color by 10%, you get **58.5016, 0.3652, 0.4202**, and if you desaturate by 10%, it is **60.0497, 0.3366, 0.3703**.

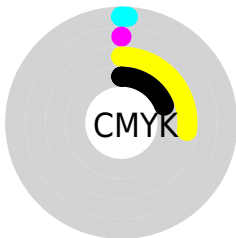
Distribution



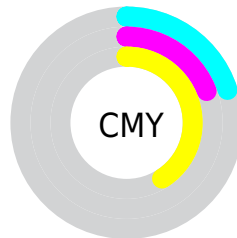
- Red (80%)
- Green (81%)
- Blue (59%)



- Red (59%)
- Yellow (81%)
- Blue (60%)



- Cyan (1%)
- Magenta (0%)
- Yellow (27%)
- Black (19%)





- Cyan (20%)
- Magenta (19%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 59.2143, 0.3511, 0.3955 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 59.2143, 0.3511, 0.3955 by changing the saturation by 10% instead.


 59.2143, 0.3511,
0.3955

 59.2143, 0.3511,
0.3955


421.6956, 0.3332,
0.3631

 42.7857, 0.3552,
0.4032


 103.6891, 0.3449,
0.3840

 29.7170, 0.3601,
0.4130


 132.5040, 0.3425,
0.3796

 19.6239, 0.3663,
0.4256


166.2164, 0.3404,
0.3758

 12.1219, 0.3741,
0.4423

205.2108, 0.3386,
0.3726

 6.8268, 0.3839,
0.4656

249.8715, 0.3370,
0.3698

 3.3540, 0.3974,
0.5012

300.5830, 0.3356,

 1.3192, 0.4253,

0.3673

0.5747

357.7295, 0.3343,
0.3651

0.1560, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

59.2143, 0.3511,
0.3955

59.2143, 0.3511,
0.3955

58.5016, 0.3652,
0.4202

60.0497, 0.3366,
0.3703

57.8976, 0.3783,
0.4435

61.0055, 0.3222,
0.3453

57.3984, 0.3898,
0.4643

62.0897, 0.3082,
0.3212

56.9965, 0.3993,
0.4817

63.3072, 0.2948,
0.2984

■ 56.6837, 0.4063,
0.4951

■ 64.6627, 0.2824,
0.2771

■ 56.4502, 0.4107,
0.5041

■ 64.8331, 0.2823,
0.2762

■ 56.2836, 0.4127,
0.5090

■ 64.9399, 0.2828,
0.2763

■ 56.2356, 0.4131,
0.5102

■ 65.0473, 0.2833,
0.2764

■ 65.1551, 0.2838,
0.2764

Harmonies

Analogous

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



59.2143, 0.3779, 0.3826



59.2143, 0.3511, 0.3955



59.2143, 0.3149, 0.3888

Triad

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



59.2143, 0.3511, 0.3955



59.2143, 0.2437, 0.2943



59.2143, 0.3447, 0.2982

Complementary

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



59.2143, 0.3511, 0.3955



33.3601, 0.2684, 0.2534

Split Complementary

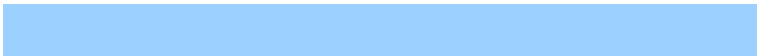
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



59.2143, 0.3069, 0.2775



59.2143, 0.3511, 0.3955



59.2143, 0.2504, 0.2739

Square

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



59.2143, 0.3511, 0.3955



59.2143, 0.2540, 0.3267



59.2143, 0.2728, 0.2685



59.2143, 0.3747, 0.3265

Rectangle

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



59.2143, 0.3511, 0.3955



59.2143, 0.2907, 0.3731



59.2143, 0.2728, 0.2685



59.2143, 0.3323, 0.2902

Sweetspot

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



59.2169, 0.3511, 0.3955



98.6176, 0.3242, 0.3487



38.0855, 0.3691, 0.3315



21.0558, 0.3264, 0.3525



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.



59.2169, 0.3511, 0.3955



95.2658, 0.3592, 0.4097



55.6825, 0.3288, 0.4006



13.0756, 0.3260, 0.3519



34.6397, 0.4132, 0.5101



1.7935, 0.4145, 0.5091

Inverse Universe

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



33.3601, 0.2684, 0.2534



46.5265, 0.2572, 0.2344



36.3346, 0.2922, 0.2583



10.8627, 0.2988, 0.3051



2.7821, 0.1513, 0.0607



0.1503, 0.1555, 0.0630

Previews

White Background



This preview shows how the Yxy color 59.2143, 0.3511, 0.3955 looks on a white background.

Color Contrast Check

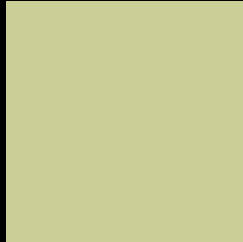
Large Text (above 18pt) WCAG AA × Fail

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 59.2143, 0.3511, 0.3955 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

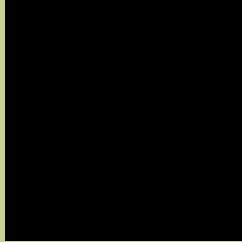
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 59.2143, 0.3511, 0.3955

Background



This preview shows how black text looks on a background with the Yxy color 59.2143, 0.3511, 0.3955.



This preview shows how white text looks on a background with the Yxy color 59.2143, 0.3511, 0.3955.

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

59.2143, 0.3511, 0.3955

Protanopia

59.1627, 0.3647, 0.3911

Deuteranopia

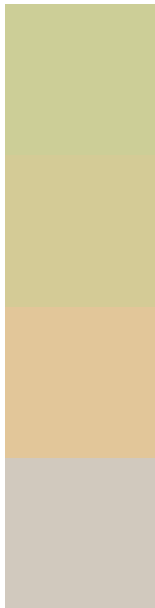
59.0938, 0.3815, 0.3734



Tritanopia

59.1893, 0.3127, 0.3119

Trichromacy



Original Color

59.2143, 0.3511, 0.3955

Protanomaly

58.9109, 0.3594, 0.3920

Deuteranomaly

58.8568, 0.3706, 0.3806

Tritanomaly

59.0463, 0.3271, 0.3420

Monochromacy



Original Color

59.2143, 0.3511, 0.3955

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

58.0360, 0.3265, 0.3532

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.2143, 0.3511, 0.3955 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(204, 206, 151)` looks like.

```
.text, #text, p{  
    color:rgb(204, 206, 151)  
}
```

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(204, 206, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 206, 151) }
```

Border

The CSS property to change the border of an element to Yxy 59.2143, 0.3511, 0.3955 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(204, 206, 151) }
```

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

```
.border{ border-color:rgb(204, 206, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 206, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 206, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 206, 151);  
box-shadow:4px 4px 4px 4px rgb(204, 206,  
151) }
```


Background

The CSS property to change the background color of an element to Yxy 59.2143, 0.3511, 0.3955 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 206, 151) }
```

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

```
.background{ background-color: rgb(204,  
206, 151) }
```

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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