

Converting Colors

$Yxy(65.2529, 0.3507, 0.3933)$

Have a look what the booklet for
Yxy(65.2529, 0.3507, 0.3933)
contains.

Yxy(65.4002, 0.3511, 0.3939)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(65.4002, 0.3511, 0.3939)

Conversions

Conversions Part 1

Format	Color
Hex	D6D79F
RGB	214, 215, 159
RGB Percent	84%, 84%, 62%
CMY	0.1607, 0.1569, 0.3766
CMYK	0.00, 0.00, 0.26, 0.16
HSL	61°, 41%, 73%
HSV	61°, 26%, 84%
XYZ	58.2940, 65.4002, 42.3383
YIQ	208.3170, 17.3800, -17.6280

Conversions

Conversions Part 2

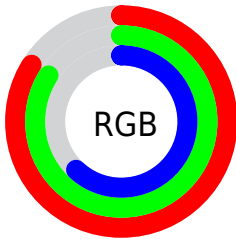
Format	Color
RYB	159, 215, 160
Decimal	14079903
CIELab	84.69, -9.19, 27.62
CIELCh	85, 29.114, 108.406
Yxy	65.4002, 0.3511, 0.3939
Android (android.graphics.Color)	4292269983 (0xFFD6D79F)
YUV	208.3170, -24.3133, 4.9840
Hunter-Lab	80.8704, -12.8546, 25.5690

Details

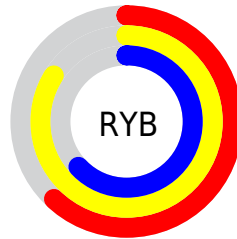
The Yxy color **65.4002, 0.3511, 0.3939** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **37.1605, 0.2687, 0.2550**, and the grayscale version is **63.4479, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.6350, 0.3370, 0.3691**, and **33.5741, 0.3603, 0.4098** is the 20% darker color. If you saturate the color by 10%, you get **64.6646, 0.3656, 0.4186**, and if you desaturate by 10%, it is **66.2716, 0.3362, 0.3687**.

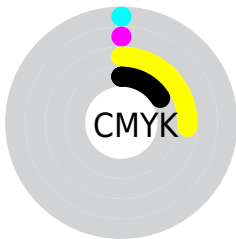
Distribution



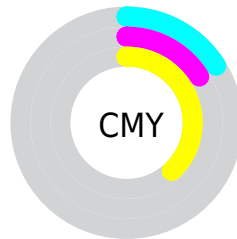
- Red (84%)
- Green (84%)
- Blue (62%)



- Red (62%)
- Yellow (84%)
- Blue (63%)



- Cyan (0%)
- Magenta (0%)
- Yellow (26%)
- Black (16%)



- Cyan (16%)
- Magenta (16%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 65.4002, 0.3511, 0.3939 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 65.4002, 0.3511, 0.3939 by changing the saturation by 10% instead.


 65.4002, 0.3511,
0.3939

 65.4002, 0.3511,
0.3939


444.2287, 0.3335,
0.3629

 47.7857, 0.3550,
0.4012

 112.6250, 0.3450,
0.3830

 33.6572, 0.3598,
0.4102

 143.0041, 0.3427,
0.3788

 22.6304, 0.3657,
0.4218


178.4068, 0.3406,
0.3752

 14.3208, 0.3732,
0.4371

219.2176, 0.3388,
0.3720

 8.3441, 0.3826,
0.4579

265.8207, 0.3372,
0.3693

 4.3159, 0.3942,
0.4875

318.6007, 0.3358,

 1.8518, 0.4337,

0.3669

0.5663

377.9419, 0.3346,
0.3648

0.5192, 0.3413,
0.6587

0.0000, 0.0000,
0.0000

65.4002, 0.3511,
0.3939

65.4002, 0.3511,
0.3939

64.6646, 0.3656,
0.4186

66.2716, 0.3362,
0.3687

64.0493, 0.3791,
0.4417

67.2762, 0.3215,
0.3437

63.5500, 0.3911,
0.4624

68.4228, 0.3072,
0.3196

63.1584, 0.4011,
0.4797

69.7170, 0.2936,
0.2968

■ 62.8654, 0.4085,
0.4929

■ 70.4028, 0.2877,
0.2868

■ 62.6605, 0.4134,
0.5017

■ 70.4595, 0.2880,
0.2868

■ 62.5302, 0.4157,
0.5064

■ 70.5164, 0.2882,
0.2868

■ 62.4899, 0.4163,
0.5077

■ 70.5735, 0.2885,
0.2868

■ 70.6306, 0.2887,
0.2869

Harmonies

Analogous

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



65.4002, 0.3769, 0.3810



65.4002, 0.3511, 0.3939



65.4002, 0.3159, 0.3878

Triad

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



65.4002, 0.3511, 0.3939



65.4002, 0.2452, 0.2958



65.4002, 0.3431, 0.2982

Complementary

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



65.4002, 0.3511, 0.3939



37.1605, 0.2687, 0.2550

Split Complementary

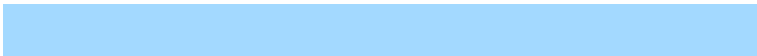
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



65.4002, 0.3062, 0.2781



65.4002, 0.3511, 0.3939



65.4002, 0.2513, 0.2754

Square

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



65.4002, 0.3511, 0.3939



65.4002, 0.2557, 0.3277



65.4002, 0.2730, 0.2697



65.4002, 0.3727, 0.3259

Rectangle

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



65.4002, 0.3511, 0.3939



65.4002, 0.2920, 0.3727



65.4002, 0.2730, 0.2697



65.4002, 0.3310, 0.2905

Sweetspot

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



65.4031, 0.3511, 0.3939



98.6881, 0.3244, 0.3487



42.0581, 0.3678, 0.3303



21.0738, 0.3266, 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.



65.4031, 0.3511, 0.3939



95.6538, 0.3588, 0.4070



61.5483, 0.3292, 0.3987



14.5085, 0.3264, 0.3521



37.3820, 0.4163, 0.5076



2.2583, 0.4169, 0.5072

Inverse Universe

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



37.1605, 0.2687, 0.2550



47.6357, 0.2582, 0.2376



40.3740, 0.2919, 0.2597



12.0189, 0.2984, 0.3049



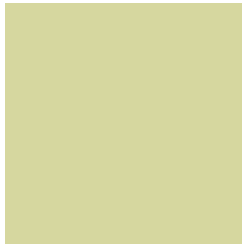
2.9537, 0.1506, 0.0603



0.1818, 0.1524, 0.0613

Previews

White Background



This preview shows how the Yxy color 65.4002, 0.3511, 0.3939 looks on a white background.

Color Contrast Check

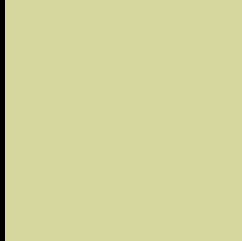
Large Text (above 18pt) WCAG AA × Fail

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 65.4002, 0.3511, 0.3939 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

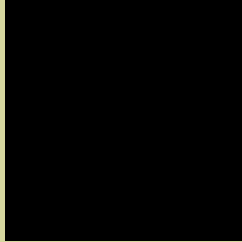
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

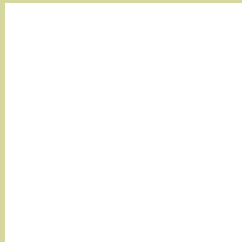
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 65.4002, 0.3511, 0.3939

Background



This preview shows how black text looks on a background with the Yxy color 65.4002, 0.3511, 0.3939.



This preview shows how white text looks on a background with the Yxy color 65.4002, 0.3511, 0.3939.

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

65.4002, 0.3511, 0.3939

Protanopia

65.3537, 0.3641, 0.3897

Deuteranopia

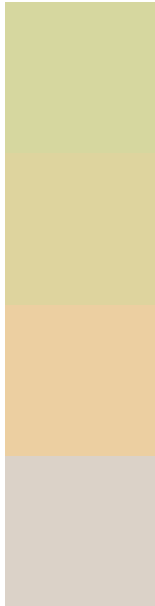
65.2770, 0.3802, 0.3727



Tritanopia

65.4830, 0.3128, 0.3115

Trichromacy



Original Color

65.4002, 0.3511, 0.3939

Protanomaly

65.0852, 0.3590, 0.3905

Deuteranomaly

65.0317, 0.3697, 0.3796

Tritanomaly

65.3234, 0.3266, 0.3403

Monochromacy



Original Color

65.4002, 0.3511, 0.3939

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

64.0079, 0.3267, 0.3534

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.4002, 0.3511, 0.3939 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(214, 215, 159)` looks like.

```
.text, #text, p{  
    color:rgb(214, 215, 159)  
}
```

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(214, 215, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 215, 159) }
```

Border

The CSS property to change the border of an element to Yxy 65.4002, 0.3511, 0.3939 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(214, 215, 159) }
```

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

```
.border{ border-color:rgb(214, 215, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 215, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 215, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 215, 159);  
box-shadow:4px 4px 4px 4px rgb(214, 215,  
159) }
```


Background

The CSS property to change the background color of an element to Yxy 65.4002, 0.3511, 0.3939 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 215, 159) }
```

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

```
.background{ background-color: rgb(214,  
215, 159) }
```

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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