

Converting Colors

Yxy(65.6919, 0.3577, 0.4136)

Have a look what the booklet for
Yxy(65.6919, 0.3577, 0.4136)
contains.

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Color

Yxy(65.5189, 0.3577, 0.4127)

Conversions

Conversions Part 1

Format	Color
Hex	D3D991
RGB	211, 217, 145
RGB Percent	83%, 85%, 57%
CMY	0.1726, 0.1490, 0.4313
CMYK	0.03, 0.00, 0.33, 0.15
HSL	65°, 49%, 71%
HSV	65°, 33%, 85%
XYZ	56.7873, 65.5189, 36.4505
YIQ	206.9980, 19.5360, -23.6640

Conversions

Conversions Part 2

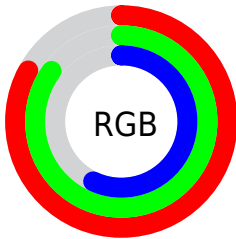
Format	Color
RYB	145, 217, 151
Decimal	13883793
CIELab	84.75, -13.15, 34.84
CIELCh	85, 37.235, 110.677
Yxy	65.5189, 0.3577, 0.4127
Android (android.graphics.Color)	4292073873 (0xFFD3D991)
YUV	206.9980, -30.5650, 3.5098
Hunter-Lab	80.9437, -16.4222, 29.9612

Details

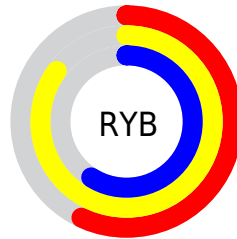
The Yxy color **65.5189, 0.3577, 0.4127** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **31.8515, 0.2582, 0.2321**, and the grayscale version is **62.5887, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.9501, 0.3454, 0.3830**, and **33.5995, 0.3673, 0.4343** is the 20% darker color. If you saturate the color by 10%, you get **64.6486, 0.3704, 0.4373**, and if you desaturate by 10%, it is **66.5259, 0.3442, 0.3872**.

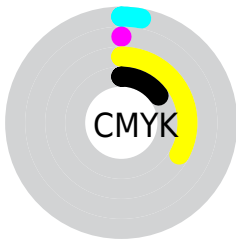
Distribution



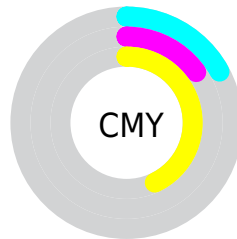
- Red (83%)
- Green (85%)
- Blue (57%)



- Red (57%)
- Yellow (85%)
- Blue (59%)



- Cyan (3%)
- Magenta (0%)
- Yellow (33%)
- Black (15%)





- Cyan (17%)
- Magenta (15%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 65.5189, 0.3577, 0.4127 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 65.5189, 0.3577, 0.4127 by changing the saturation by 10% instead.


 65.5189, 0.3577,
0.4127

 65.5189, 0.3577,
0.4127


444.6543, 0.3374,
0.3726

 47.8820, 0.3621,
0.4221


 112.7955, 0.3509,
0.3986

 33.7334, 0.3673,
0.4337


 143.2040, 0.3481,
0.3932

 22.6889, 0.3735,
0.4485


178.6385, 0.3458,
0.3885

 14.3639, 0.3809,
0.4677

219.4834, 0.3437,
0.3845

 8.3742, 0.3894,
0.4934

266.1230, 0.3419,
0.3809

 4.3353, 0.4005,
0.5322


318.9417, 0.3402,

 1.8629, 0.4099,


0.3778


0.5901


378.3241, 0.3388,
0.3751


 0.5259, 0.2538,
0.7462


 0.0000, 0.0000,
0.0000

 65.5189, 0.3577,
0.4127


 65.5189, 0.3577,
0.4127


 64.6486, 0.3704,
0.4373

 66.5259, 0.3442,
0.3872

 63.8990, 0.3817,
0.4599


 67.6677, 0.3305,
0.3616


 63.2649, 0.3911,
0.4796


 68.9533, 0.3169,
0.3367


 62.7373, 0.3981,
0.4954


 70.3886, 0.3038,
0.3129


 62.3058, 0.4025,
0.5069

 71.9793, 0.2914,
0.2907

 61.9579, 0.4044,
0.5140

 72.3583, 0.2918,
0.2894

 61.7540, 0.4046,
0.5169

 72.6460, 0.2930,
0.2895

 72.9367, 0.2942,
0.2897

 73.2306, 0.2954,
0.2898

Harmonies

Analogous

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



65.5189, 0.3924, 0.3961



65.5189, 0.3577, 0.4127



65.5189, 0.3124, 0.4038

Triad

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



65.5189, 0.3577, 0.4127



65.5189, 0.2278, 0.2834



65.5189, 0.3547, 0.2925

Complementary

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



65.5189, 0.3577, 0.4127



31.8515, 0.2582, 0.2321

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.



65.5189, 0.3075, 0.2668



65.5189, 0.3577, 0.4127



65.5189, 0.2369, 0.2599

Square

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



65.5189, 0.3577, 0.4127



65.5189, 0.2390, 0.3231



65.5189, 0.2649, 0.2549



65.5189, 0.3918, 0.3270

Rectangle

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



65.5189, 0.3577, 0.4127



65.5189, 0.2826, 0.3830



65.5189, 0.2649, 0.2549



65.5189, 0.3393, 0.2827

Sweetspot

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



65.5218, 0.3577, 0.4127



98.0632, 0.3263, 0.3538



38.9385, 0.3872, 0.3366



20.9350, 0.3282, 0.3574



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.



65.5218, 0.3577, 0.4127



93.4992, 0.3669, 0.4305



60.7901, 0.3297, 0.4209



15.2057, 0.3254, 0.3522



37.4026, 0.4048, 0.5168



2.4398, 0.4073, 0.5148

Inverse Universe

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



31.8515, 0.2582, 0.2321



37.6340, 0.2439, 0.2074



35.8350, 0.2891, 0.2401



12.6689, 0.2994, 0.3049



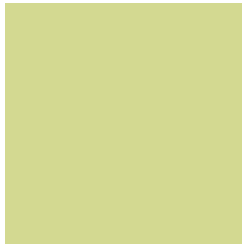
3.1300, 0.1529, 0.0616



0.2212, 0.1610, 0.0661

Previews

White Background



This preview shows how the Yxy color 65.5189, 0.3577, 0.4127 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 65.5189, 0.3577, 0.4127 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

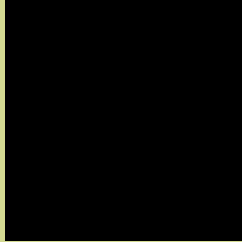
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 65.5189, 0.3577, 0.4127

Background



This preview shows how black text looks on a background with the Yxy color 65.5189, 0.3577, 0.4127.



This preview shows how white text looks on a background with the Yxy color 65.5189, 0.3577, 0.4127.

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

65.5189, 0.3577, 0.4127

Protanopia

65.2297, 0.3758, 0.4047

Deuteranopia

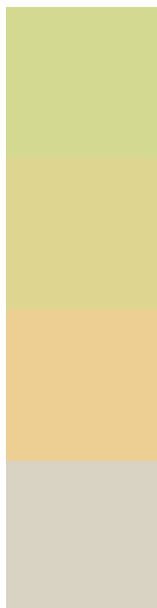
65.0746, 0.3947, 0.3856



Tritanopia

65.3255, 0.3120, 0.3114

Trichromacy



Original Color

65.5189, 0.3577, 0.4127

Protanomaly

65.1317, 0.3686, 0.4072

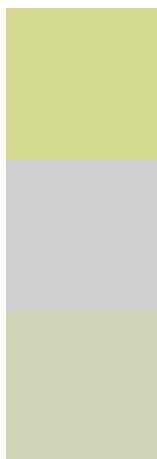
Deuteranomaly

64.7368, 0.3810, 0.3946

Tritanomaly

65.2804, 0.3285, 0.3472

Monochromacy



Original Color

65.5189, 0.3577, 0.4127

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

63.4591, 0.3294, 0.3606

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.5189, 0.3577, 0.4127 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(211, 217, 145)` looks like.

```
.text, #text, p{  
    color:rgb(211, 217, 145)  
}
```

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(211, 217, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 217, 145) }
```

Border

The CSS property to change the border of an element to Yxy 65.5189, 0.3577, 0.4127 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(211, 217, 145) }
```

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

```
.border{ border-color:rgb(211, 217, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 217, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 217, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 217, 145);  
box-shadow:4px 4px 4px 4px rgb(211, 217,  
145) }
```


Background

The CSS property to change the background color of an element to Yxy 65.5189, 0.3577, 0.4127 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 217, 145) }
```

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

```
.background{ background-color: rgb(211,  
217, 145) }
```

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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