

Converting Colors

Yxy(65.8412, 0.3509, 0.4012)

Have a look what the booklet for
Yxy(65.8412, 0.3509, 0.4012)
contains.

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Color

Yxy(65.8412, 0.3509, 0.4012)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | D3D99B |
| RGB | 211, 217, 155 |
| RGB Percent | 83%, 85%, 61% |
| CMY | 0.1727, 0.1490, 0.3922 |
| CMYK | 0.03, 0.00, 0.29, 0.15 |
| HSL | 66°, 45%, 73% |
| HSV | 66°, 29%, 85% |
| XYZ | 57.5864, 65.8412, 40.6830 |
| YIQ | 208.1380, 16.3260, -20.5540 |

Conversions

Conversions Part 2

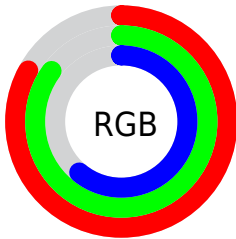
| Format | Color |
|-------------------------------------|--|
| RYB | 155, 217, 161 |
| Decimal | 13883803 |
| CIELab | 84.92, -11.89, 29.94 |
| CIELCh | 85, 32.217, 111.662 |
| Yxy | 65.8412, 0.3509, 0.4012 |
| Android (android.graphics.Color) | 4292073883 (0xFFD3D99B) |
| YUV | 208.1380, -26.1970, 2.5100 |
| Hunter-Lab | 81.1426, -15.3191, 27.0732 |

Details

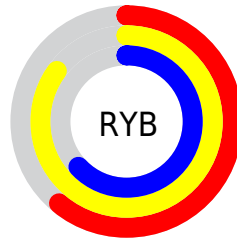
The Yxy color **65.8412, 0.3509, 0.4012** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **36.0351, 0.2676, 0.2476**, and the grayscale version is **63.3347, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.4331, 0.3394, 0.3731**, and **33.8879, 0.3599, 0.4194** is the 20% darker color. If you saturate the color by 10%, you get **64.8689, 0.3637, 0.4265**, and if you desaturate by 10%, it is **66.9545, 0.3375, 0.3754**.

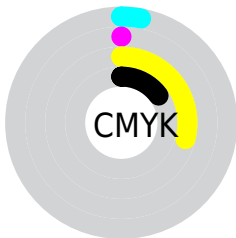
Distribution



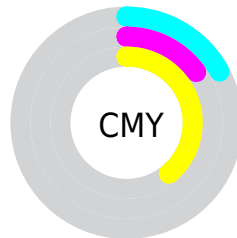
- Red (83%)
- Green (85%)
- Blue (61%)



- Red (61%)
- Yellow (85%)
- Blue (63%)



- Cyan (3%)
- Magenta (0%)
- Yellow (29%)
- Black (15%)




- Cyan (17%)
- Magenta (15%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 65.8412, 0.3509, 0.4012 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 65.8412, 0.3509, 0.4012 by changing the saturation by 10% instead.


 65.8412, 0.3509,
0.4012

 65.8412, 0.3509,
0.4012


445.8087, 0.3336,
0.3666

 48.1435, 0.3547,
0.4093


 113.2584, 0.3450,
0.3890

 33.9405, 0.3593,
0.4195


 143.7467, 0.3427,
0.3843

 22.8479, 0.3649,
0.4324


179.2672, 0.3406,
0.3803

 14.4813, 0.3717,
0.4495

220.2045, 0.3389,
0.3768

 8.4561, 0.3801,
0.4727

266.9430, 0.3373,
0.3738

 4.3882, 0.3897,
0.5055

319.8669, 0.3359,

 1.8930, 0.4179,

0.3711

379.3607, 0.3347,
0.3687

0.5821

0.5442, 0.2943,
0.7057

0.0000, 0.0000,
0.0000

65.8412, 0.3509,
0.4012

65.8412, 0.3509,
0.4012

64.8689, 0.3637,
0.4265

66.9545, 0.3375,
0.3754

64.0218, 0.3755,
0.4504

68.2065, 0.3240,
0.3500

63.2951, 0.3856,
0.4718

69.6063, 0.3109,
0.3256

62.6803, 0.3935,
0.4897

71.1596, 0.2983,
0.3025

62.1676, 0.3989,
0.5036

72.3115, 0.2915,
0.2894

61.7457, 0.4017,
0.5129

72.6468, 0.2929,
0.2895

61.3972, 0.4021,
0.5183

72.9863, 0.2944,
0.2897

61.3500, 0.4021,
0.5189

73.3300, 0.2958,
0.2899

73.6779, 0.2972,
0.2900

Harmonies

Analogous

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



65.8412, 0.3812, 0.3884



65.8412, 0.3509, 0.4012



65.8412, 0.3116, 0.3923

Triad

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



65.8412, 0.3509, 0.4012



65.8412, 0.2385, 0.2889



65.8412, 0.3504, 0.2981

Complementary

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



65.8412, 0.3509, 0.4012



36.0351, 0.2676, 0.2476

Split Complementary

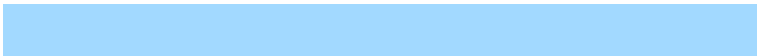
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



65.8412, 0.3098, 0.2751



65.8412, 0.3509, 0.4012



65.8412, 0.2471, 0.2685

Square

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



65.8412, 0.3509, 0.4012



65.8412, 0.2479, 0.3231



65.8412, 0.2724, 0.2643



65.8412, 0.3816, 0.3288

Rectangle

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



65.8412, 0.3509, 0.4012



65.8412, 0.2857, 0.3741



65.8412, 0.2724, 0.2643



65.8412, 0.3372, 0.2894

Sweetspot

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



65.8441, 0.3509, 0.4012



98.1872, 0.3247, 0.3513



42.3205, 0.3736, 0.3355



20.9569, 0.3267, 0.3550



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.



65.8441, 0.3509, 0.4012



94.0503, 0.3584, 0.4158



61.8042, 0.3276, 0.4069



15.1960, 0.3252, 0.3522



37.1582, 0.4024, 0.5187



2.4264, 0.4053, 0.5164

Inverse Universe

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



36.0351, 0.2676, 0.2476



44.6542, 0.2568, 0.2285



39.5524, 0.2931, 0.2532



12.6776, 0.2996, 0.3049



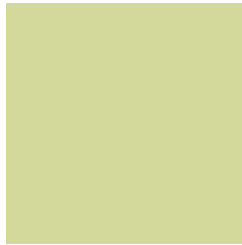
3.1509, 0.1535, 0.0619



0.2253, 0.1628, 0.0670

Previews

White Background



This preview shows how the Yxy color 65.8412, 0.3509, 0.4012 looks on a white background.

Color Contrast Check

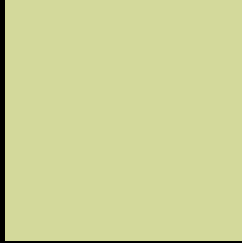
Large Text (above 18pt) WCAG AA × Fail

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 65.8412, 0.3509, 0.4012 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

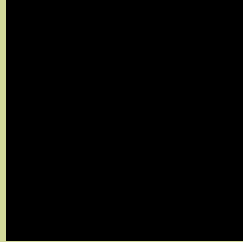
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

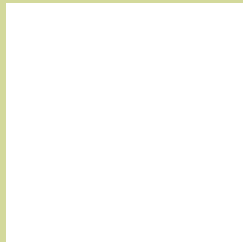
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 65.8412, 0.3509, 0.4012

Background



This preview shows how black text looks on a background with the Yxy color 65.8412, 0.3509, 0.4012.



This preview shows how white text looks on a background with the Yxy color 65.8412, 0.3509, 0.4012.

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

65.8412, 0.3509, 0.4012

Protanopia

65.8809, 0.3675, 0.3950

Deuteranopia

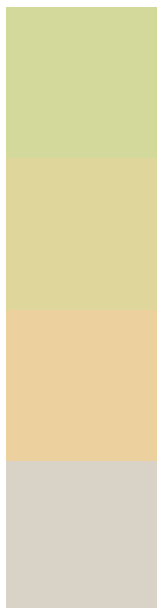
65.5045, 0.3850, 0.3766



Tritanopia

65.7092, 0.3106, 0.3114

Trichromacy



Original Color

65.8412, 0.3509, 0.4012

Protanomaly

65.9558, 0.3613, 0.3971

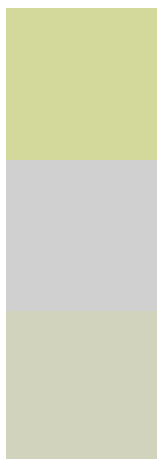
Deuteranomaly

65.3789, 0.3724, 0.3850

Tritanomaly

65.4638, 0.3256, 0.3426

Monochromacy



Original Color

65.8412, 0.3509, 0.4012

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

63.8180, 0.3266, 0.3546

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.8412, 0.3509, 0.4012 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, 155)` looks like.

```
.text, #text, p{  
    color:rgb(211, 217, 155)  
}
```

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, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 217, 155) }
```

Border

The CSS property to change the border of an element to Yxy 65.8412, 0.3509, 0.4012 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, 155) }
```

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

```
.border{ border-color:rgb(211, 217, 155) }
```

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, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 217, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 217, 155);  
box-shadow:4px 4px 4px 4px rgb(211, 217,  
155) }
```


Background

The CSS property to change the background color of an element to Yxy 65.8412, 0.3509, 0.4012 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, 155) }
```

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

```
.background{ background-color: rgb(211,  
217, 155) }
```

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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