

Converting Colors

$Yxy(65.0555, 0.3466, 0.3909)$

Have a look what the booklet for
Yxy(65.0555, 0.3466, 0.3909)
contains.

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Color

Yxy(65.0584, 0.3466, 0.3909)

Conversions

Conversions Part 1

Format	Color
Hex	D3D7A2
RGB	211, 215, 162
RGB Percent	83%, 84%, 64%
CMY	0.1725, 0.1568, 0.3648
CMYK	0.02, 0.00, 0.25, 0.16
HSL	65°, 40%, 74%
HSV	65°, 25%, 84%
XYZ	57.6854, 65.0584, 43.6885
YIQ	207.7620, 14.6290, -17.3310

Conversions

Conversions Part 2

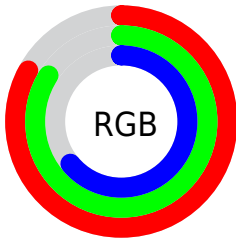
Format	Color
R _{YB}	162, 215, 166
Decimal	13883298
CIE Lab	84.51, -9.92, 25.79
CIE LCh	85, 27.628, 111.040
Yxy	65.0584, 0.3466, 0.3909
Android (android.graphics.Color)	4292073378 (0xFFD3D7A2)
YUV	207.7620, -22.5607, 2.8397
Hunter-Lab	80.6588, -13.4935, 24.3470

Details

The Yxy color **65.0584, 0.3466, 0.3909** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **38.8441, 0.2738, 0.2600**, and the grayscale version is **63.0570, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.7898, 0.3352, 0.3661**, and **33.3353, 0.3545, 0.4061** is the 20% darker color. If you saturate the color by 10%, you get **64.1227, 0.3601, 0.4163**, and if you desaturate by 10%, it is **66.1331, 0.3327, 0.3653**.

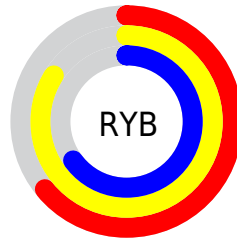
Distribution



Red (83%)

Green (84%)

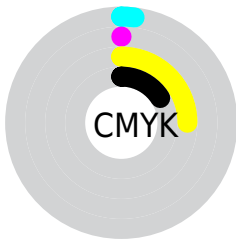
Blue (64%)



Red (64%)

Yellow (84%)

Blue (65%)

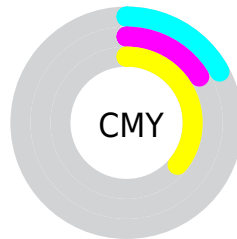


Cyan (2%)

Magenta (0%)

Yellow (25%)

Black (16%)



Cyan (17%)

Magenta (16%)


Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 65.0584, 0.3466, 0.3909 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 65.0584, 0.3466, 0.3909 by changing the saturation by 10% instead.


 65.0584, 0.3466,
0.3909

 65.0584, 0.3466,
0.3909


443.0018, 0.3310,
0.3612

 47.5084, 0.3501,
0.3979


 112.1338, 0.3412,
0.3804

 33.4378, 0.3543,
0.4067

 142.4281, 0.3392,
0.3764

 22.4620, 0.3596,
0.4179


177.7392, 0.3373,
0.3729

 14.1968, 0.3662,
0.4328

218.4516, 0.3358,
0.3700

 8.2577, 0.3746,
0.4533

264.9496, 0.3344,
0.3674

 4.2603, 0.3851,
0.4829

317.6178, 0.3331,

 1.8202, 0.4290,

0.3651

0.5710

376.8404, 0.3320,
0.3630

0.4997, 0.3178,
0.6822

0.0000, 0.0000,
0.0000

65.0584, 0.3466,
0.3909

65.0584, 0.3466,
0.3909

64.1227, 0.3601,
0.4163

66.1331, 0.3327,
0.3653

63.3105, 0.3728,
0.4405

67.3442, 0.3190,
0.3403

62.6176, 0.3840,
0.4626

68.7004, 0.3057,
0.3164

62.0360, 0.3932,
0.4816

70.2071, 0.2931,
0.2939

■ 61.5566, 0.4000,
0.4966

■ 70.9015, 0.2899,
0.2870

■ 61.1691, 0.4042,
0.5073

■ 71.1545, 0.2909,
0.2872

■ 60.8607, 0.4059,
0.5136

■ 71.4099, 0.2920,
0.2873

■ 60.7169, 0.4061,
0.5158

■ 71.6677, 0.2931,
0.2874

■ 71.9281, 0.2942,
0.2876

Harmonies

Analogous

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



65.0584, 0.3722, 0.3802



65.0584, 0.3466, 0.3909



65.0584, 0.3127, 0.3833

Triad

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



65.0584, 0.3466, 0.3909



65.0584, 0.2482, 0.2953



65.0584, 0.3445, 0.3018

Complementary

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



65.0584, 0.3466, 0.3909



38.8441, 0.2738, 0.2600

Split Complementary

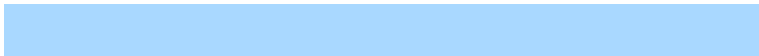
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



65.0584, 0.3096, 0.2818



65.0584, 0.3466, 0.3909



65.0584, 0.2555, 0.2769

Square

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



65.0584, 0.3466, 0.3909



65.0584, 0.2569, 0.3250



65.0584, 0.2773, 0.2726



65.0584, 0.3715, 0.3286

Rectangle

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



65.0584, 0.3466, 0.3909



65.0584, 0.2903, 0.3681



65.0584, 0.2773, 0.2726



65.0584, 0.3332, 0.2941

Sweetspot

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



65.0613, 0.3466, 0.3909



98.6487, 0.3223, 0.3463



44.1516, 0.3632, 0.3335



21.0910, 0.3231, 0.3478



0.0000, 0.0000, 0.0000



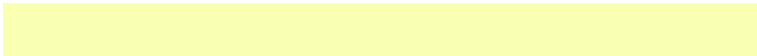
21.4041, 0.3127, 0.3290

Same Dimension

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



65.0613, 0.3466, 0.3909



94.9365, 0.3543, 0.4053



61.5205, 0.3264, 0.3951



14.4701, 0.3255, 0.3521



36.3346, 0.4063, 0.5156



2.2060, 0.4087, 0.5137

Inverse Universe

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



38.8441, 0.2738, 0.2600



49.4839, 0.2633, 0.2417



41.9495, 0.2955, 0.2642



12.0530, 0.2993, 0.3050



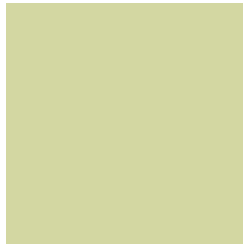
3.0193, 0.1526, 0.0614



0.1981, 0.1604, 0.0657

Previews

White Background



This preview shows how the Yxy color 65.0584, 0.3466, 0.3909 looks on a white background.

Color Contrast Check

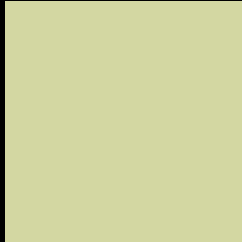
Large Text (above 18pt) WCAG AA × Fail

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 65.0584, 0.3466, 0.3909 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

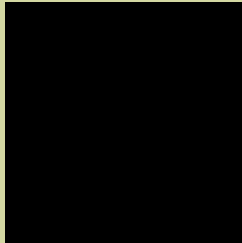
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

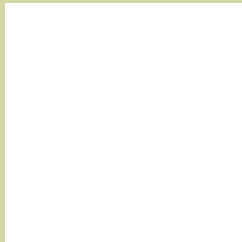
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 65.0584, 0.3466, 0.3909

Background



This preview shows how black text looks on a background with the Yxy color 65.0584, 0.3466, 0.3909.



This preview shows how white text looks on a background with the Yxy color 65.0584, 0.3466, 0.3909.

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

65.0584, 0.3466, 0.3909

Protanopia

64.6388, 0.3606, 0.3856

Deuteranopia

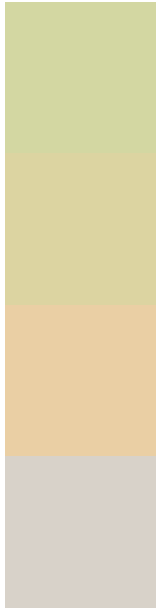
64.7318, 0.3774, 0.3686



Tritanopia

65.0134, 0.3106, 0.3114

Trichromacy



Original Color

65.0584, 0.3466, 0.3909

Protanomaly

64.8758, 0.3552, 0.3874

Deuteranomaly

64.7984, 0.3658, 0.3766

Tritanomaly

64.9092, 0.3235, 0.3392

Monochromacy



Original Color

65.0584, 0.3466, 0.3909

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

63.9054, 0.3252, 0.3523

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.0584, 0.3466, 0.3909 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, 215, 162)` looks like.

```
.text, #text, p{  
    color:rgb(211, 215, 162)  
}
```

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, 215, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 215, 162) }
```

Border

The CSS property to change the border of an element to Yxy 65.0584, 0.3466, 0.3909 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, 215, 162) }
```

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

```
.border{ border-color:rgb(211, 215, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 215, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 215, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 215, 162);  
box-shadow:4px 4px 4px 4px rgb(211, 215,  
162) }
```


Background

The CSS property to change the background color of an element to Yxy 65.0584, 0.3466, 0.3909 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 215, 162) }
```

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

```
.background{ background-color: rgb(211,  
215, 162) }
```

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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