

Converting Colors

$Yxy(65.7804, 0.3481, 0.3914)$

Have a look what the booklet for
Yxy(65.7804, 0.3481, 0.3914)
contains.

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Color

Yxy(65.8665, 0.3479, 0.3916)

Conversions

Conversions Part 1

Format	Color
Hex	D5D8A2
RGB	213, 216, 162
RGB Percent	84%, 85%, 64%
CMY	0.1647, 0.1529, 0.3647
CMYK	0.01, 0.00, 0.25, 0.15
HSL	63°, 41%, 74%
HSV	63°, 25%, 85%
XYZ	58.5162, 65.8665, 43.8157
YIQ	208.9470, 15.5460, -17.4300

Conversions

Conversions Part 2

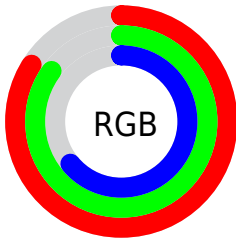
Format	Color
RYB	162, 216, 165
Decimal	14014626
CIELab	84.93, -9.68, 26.36
CIElCh	85, 28.080, 110.172
Yxy	65.8665, 0.3479, 0.3916
Android (android.graphics.Color)	4292204706 (0xFFD5D8A2)
YUV	208.9470, -23.1449, 3.5545
Hunter-Lab	81.1582, -13.3257, 24.8012

Details

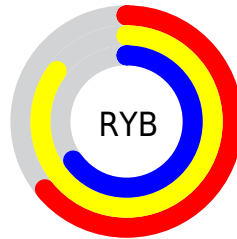
The Yxy color **65.8665, 0.3479, 0.3916** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **38.8051, 0.2724, 0.2588**, and the grayscale version is **63.8714, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.7898, 0.3352, 0.3661**, and **33.8846, 0.3562, 0.4069** is the 20% darker color. If you saturate the color by 10%, you get **64.9861, 0.3618, 0.4167**, and if you desaturate by 10%, it is **66.8861, 0.3337, 0.3661**.

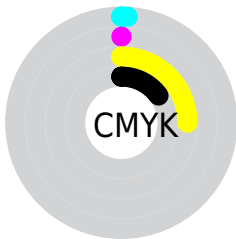
Distribution



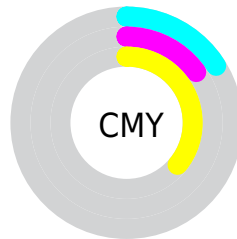
- Red (84%)
- Green (85%)
- Blue (64%)



- Red (64%)
- Yellow (85%)
- Blue (65%)



- Cyan (1%)
- Magenta (0%)
- Yellow (25%)
- Black (15%)




- Cyan (16%)
- Magenta (15%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 65.8665, 0.3479, 0.3916 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 65.8665, 0.3479, 0.3916 by changing the saturation by 10% instead.


 65.8665, 0.3479,
0.3916


 65.8665, 0.3479,
0.3916

445.8993, 0.3318,
0.3617

 48.1640, 0.3515,
0.3986


 113.2947, 0.3424,
0.3810

 33.9568, 0.3559,
0.4074


 143.7892, 0.3402,
0.3770

 22.8604, 0.3613,
0.4187


179.3166, 0.3383,
0.3735

 14.4905, 0.3681,
0.4335

220.2611, 0.3367,
0.3705

 8.4626, 0.3768,
0.4539

267.0073, 0.3352,
0.3679

 4.3923, 0.3876,
0.4831

319.9394, 0.3339,

 1.8954, 0.4312,

0.3656

0.5688

379.4420, 0.3328,
0.3635

0.5456, 0.3409,
0.6591

0.0000, 0.0000,
0.0000

65.8665, 0.3479,
0.3916

65.8665, 0.3479,
0.3916

64.9861, 0.3618,
0.4167

66.8861, 0.3337,
0.3661

64.2293, 0.3747,
0.4407

68.0423, 0.3196,
0.3411

63.5917, 0.3862,
0.4623

69.3440, 0.3060,
0.3172

63.0652, 0.3957,
0.4808

70.7966, 0.2930,
0.2946

■ 62.6407, 0.4028,
0.4953

■ 71.4002, 0.2898,
0.2881

■ 62.3075, 0.4072,
0.5054

■ 71.5882, 0.2906,
0.2882

■ 62.0528, 0.4091,
0.5112

■ 71.7776, 0.2914,
0.2883

■ 61.9436, 0.4095,
0.5131

■ 71.9684, 0.2922,
0.2884

■ 72.1605, 0.2931,
0.2885

Harmonies

Analogous

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



65.8665, 0.3735, 0.3802



65.8665, 0.3479, 0.3916



65.8665, 0.3137, 0.3845

Triad

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



65.8665, 0.3479, 0.3916



65.8665, 0.2475, 0.2956



65.8665, 0.3439, 0.3008

Complementary

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



65.8665, 0.3479, 0.3916



38.8051, 0.2724, 0.2588

Split Complementary

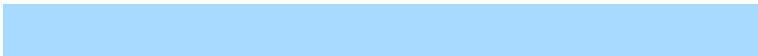
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



65.8665, 0.3086, 0.2808



65.8665, 0.3479, 0.3916



65.8665, 0.2544, 0.2767

Square

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



65.8665, 0.3479, 0.3916



65.8665, 0.2568, 0.3259



65.8665, 0.2761, 0.2719



65.8665, 0.3717, 0.3278

Rectangle

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



65.8665, 0.3479, 0.3916



65.8665, 0.2909, 0.3694



65.8665, 0.2761, 0.2719



65.8665, 0.3325, 0.2931

Sweetspot

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



65.8694, 0.3479, 0.3916



98.7144, 0.3225, 0.3462



44.0150, 0.3644, 0.3324



21.1063, 0.3233, 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.



65.8694, 0.3479, 0.3916



95.2123, 0.3553, 0.4050



62.2028, 0.3272, 0.3960



14.4830, 0.3258, 0.3521



36.6773, 0.4097, 0.5129



2.2232, 0.4114, 0.5115

Inverse Universe

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



38.8051, 0.2724, 0.2588



49.3001, 0.2623, 0.2415



41.9711, 0.2945, 0.2631



12.0415, 0.2990, 0.3049



2.9962, 0.1519, 0.0610



0.1926, 0.1578, 0.0643

Previews

White Background



This preview shows how the Yxy color 65.8665, 0.3479, 0.3916 looks on a white background.

Color Contrast Check

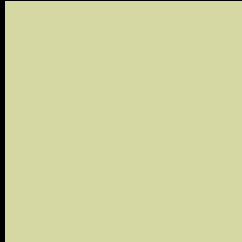
Large Text (above 18pt) WCAG AA × Fail

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 65.8665, 0.3479, 0.3916 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

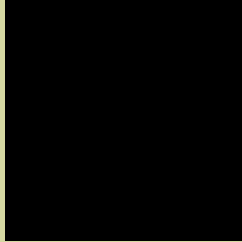
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

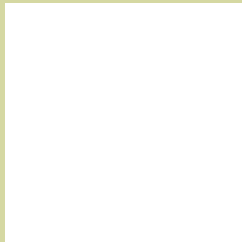
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 65.8665, 0.3479, 0.3916

Background



This preview shows how black text looks on a background with the Yxy color 65.8665, 0.3479, 0.3916.



This preview shows how white text looks on a background with the Yxy color 65.8665, 0.3479, 0.3916.

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

65.8665, 0.3479, 0.3916

Protanopia

65.9559, 0.3616, 0.3874

Deuteranopia

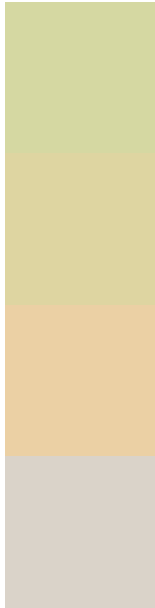
65.3849, 0.3779, 0.3695



Tritanopia

65.8657, 0.3113, 0.3115

Trichromacy



Original Color

65.8665, 0.3479, 0.3916

Protanomaly

65.6913, 0.3566, 0.3881

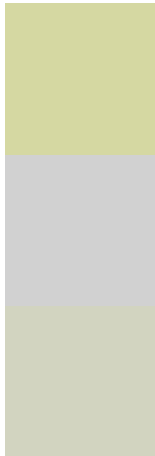
Deuteranomaly

65.4543, 0.3663, 0.3775

Tritanomaly

65.7110, 0.3250, 0.3403

Monochromacy



Original Color

65.8665, 0.3479, 0.3916

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

64.5944, 0.3251, 0.3522

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.8665, 0.3479, 0.3916 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(213, 216, 162)` looks like.

```
.text, #text, p{  
    color:rgb(213, 216, 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(213, 216, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 216, 162) }
```

Border

The CSS property to change the border of an element to Yxy 65.8665, 0.3479, 0.3916 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(213, 216, 162) }
```

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

```
.border{ border-color:rgb(213, 216, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 216, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 216, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 216, 162);  
box-shadow:4px 4px 4px 4px rgb(213, 216,  
162) }
```


Background

The CSS property to change the background color of an element to Yxy 65.8665, 0.3479, 0.3916 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 216, 162) }
```

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

```
.background{ background-color: rgb(213,  
216, 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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