

Converting Colors

Yxy(65.2760, 0.3440, 0.3809)

Have a look what the booklet for
Yxy(65.2760, 0.3440, 0.3809)
contains.

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Color

Yxy(65.2538, 0.3442, 0.3811)

Conversions

Conversions Part 1

Format	Color
Hex	D6D6A9
RGB	214, 214, 169
RGB Percent	84%, 84%, 66%
CMY	0.1609, 0.1607, 0.3372
CMYK	0.00, 0.00, 0.21, 0.16
HSL	60°, 35%, 75%
HSV	60°, 21%, 84%
XYZ	58.9356, 65.2538, 47.0355
YIQ	208.8700, 14.4450, -13.9950

Conversions

Conversions Part 2

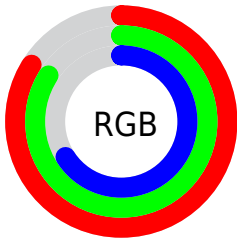
Format	Color
RYB	169, 214, 169
Decimal	14079657
CIELab	84.61, -7.32, 22.28
CIELCh	85, 23.455, 108.175
Yxy	65.2538, 0.3442, 0.3811
Android (android.graphics.Color)	4292269737 (0xFFD6D6A9)
YUV	208.8700, -19.6559, 4.4990
Hunter-Lab	80.7798, -11.1341, 22.0232

Details

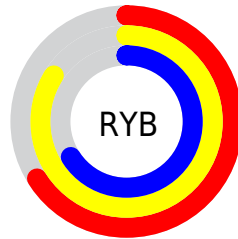
The Yxy color **65.2538, 0.3442, 0.3811** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **41.6816, 0.2777, 0.2710**, and the grayscale version is **63.7952, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.1618, 0.3310, 0.3592**, and **33.4516, 0.3516, 0.3932** is the 20% darker color. If you saturate the color by 10%, you get **64.5148, 0.3592, 0.4060**, and if you desaturate by 10%, it is **66.1301, 0.3290, 0.3560**.

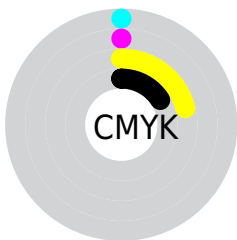
Distribution



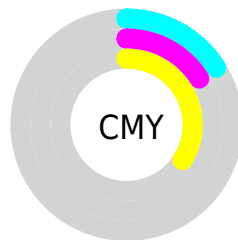
- Red (84%)
- Green (84%)
- Blue (66%)



- Red (66%)
- Yellow (84%)
- Blue (66%)



- Cyan (0%)
- Magenta (0%)
- Yellow (21%)
- Black (16%)




- Cyan (16%)
- Magenta (16%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 65.2538, 0.3442, 0.3811 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 65.2538, 0.3442, 0.3811 by changing the saturation by 10% instead.


 65.2538, 0.3442,
0.3811

 65.2538, 0.3442,
0.3811


443.7035, 0.3296,
0.3562

 47.6669, 0.3475,
0.3870


 112.4147, 0.3391,
0.3723

 33.5632, 0.3516,
0.3943


142.7574, 0.3372,
0.3689

 22.5582, 0.3567,
0.4037


178.1209, 0.3355,
0.3661

 14.2676, 0.3632,
0.4161

218.8896, 0.3340,
0.3636

 8.3071, 0.3718,
0.4334

265.4478, 0.3327,
0.3614

 4.2920, 0.3834,
0.4585

318.1799, 0.3316,

 1.8382, 0.4190,

0.3594

0.5231

377.4703, 0.3305,
0.3577

0.5108, 0.3753,
0.6247

0.0000, 0.0000,
0.0000

65.2538, 0.3442,
0.3811

65.2538, 0.3442,
0.3811

64.5148, 0.3592,
0.4060

66.1301, 0.3290,
0.3560

63.8981, 0.3736,
0.4298

67.1411, 0.3142,
0.3315

63.3997, 0.3868,
0.4516

68.2952, 0.3000,
0.3080

63.0119, 0.3981,
0.4704

69.5977, 0.2867,
0.2859

■ 62.7263, 0.4071,
0.4854

■ 69.6242, 0.2865,
0.2855

■ 62.5331, 0.4136,
0.4961

■ 69.6268, 0.2865,
0.2855

■ 62.4209, 0.4175,
0.5025

■ 69.6294, 0.2865,
0.2855

■ 62.3708, 0.4192,
0.5054

■ 69.6320, 0.2865,
0.2855

■ 69.6346, 0.2865,
0.2855

Harmonies

Analogous

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



65.2538, 0.3647, 0.3712



65.2538, 0.3442, 0.3811



65.2538, 0.3158, 0.3759

Triad

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



65.2538, 0.3442, 0.3811



65.2538, 0.2577, 0.3027



65.2538, 0.3371, 0.3038

Complementary

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



65.2538, 0.3442, 0.3811



41.6816, 0.2777, 0.2710

Split Complementary

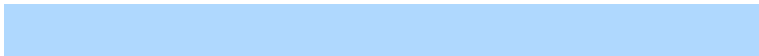
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



65.2538, 0.3074, 0.2873



65.2538, 0.3442, 0.3811



65.2538, 0.2626, 0.2857

Square

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



65.2538, 0.3442, 0.3811



65.2538, 0.2666, 0.3285



65.2538, 0.2804, 0.2806



65.2538, 0.3608, 0.3266

Rectangle

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



65.2538, 0.3442, 0.3811



65.2538, 0.2964, 0.3640



65.2538, 0.2804, 0.2806



65.2538, 0.3274, 0.2974

Sweetspot

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



65.2567, 0.3442, 0.3811



99.0511, 0.3216, 0.3437



45.5477, 0.3547, 0.3291



21.1799, 0.3226, 0.3453



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.



65.2567, 0.3442, 0.3811



96.5429, 0.3506, 0.3917



62.1078, 0.3267, 0.3841



14.5195, 0.3266, 0.3520



37.6948, 0.4192, 0.5054



2.2737, 0.4192, 0.5053

Inverse Universe

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



41.6816, 0.2777, 0.2710



55.7062, 0.2695, 0.2576



44.3836, 0.2960, 0.2740



12.0092, 0.2981, 0.3049



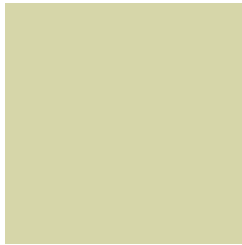
2.9354, 0.1500, 0.0600



0.1772, 0.1501, 0.0601

Previews

White Background



This preview shows how the Yxy color 65.2538, 0.3442, 0.3811 looks on a white background.

Color Contrast Check

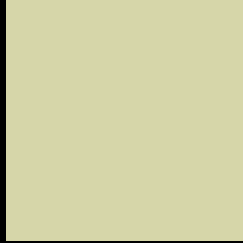
Large Text (above 18pt) WCAG AA × Fail

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 65.2538, 0.3442, 0.3811 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

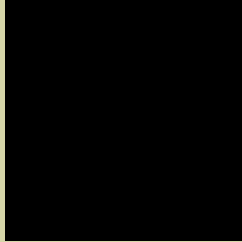
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

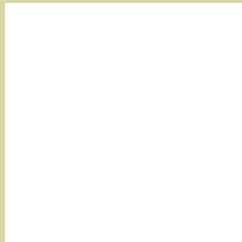
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 65.2538, 0.3442, 0.3811

Background



This preview shows how black text looks on a background with the Yxy color 65.2538, 0.3442, 0.3811.



This preview shows how white text looks on a background with the Yxy color 65.2538, 0.3442, 0.3811.

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

65.2538, 0.3442, 0.3811

Protanopia

65.2258, 0.3544, 0.3788

Deuteranopia

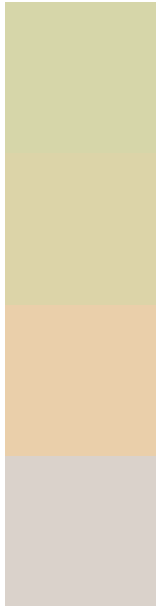
65.0646, 0.3707, 0.3635



Tritanopia

65.3255, 0.3120, 0.3114

Trichromacy



Original Color

65.2538, 0.3442, 0.3811

Protanomaly

65.1298, 0.3502, 0.3793

Deuteranomaly

65.0204, 0.3613, 0.3700

Tritanomaly

65.3104, 0.3237, 0.3369

Monochromacy



Original Color

65.2538, 0.3442, 0.3811

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

64.3325, 0.3246, 0.3486

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.2538, 0.3442, 0.3811 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, 214, 169)` looks like.

```
.text, #text, p{  
    color:rgb(214, 214, 169)  
}
```

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, 214, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 214, 169) }
```

Border

The CSS property to change the border of an element to Yxy 65.2538, 0.3442, 0.3811 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, 214, 169) }
```

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

```
.border{ border-color:rgb(214, 214, 169) }
```

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

Here you see how a box with a 4 pixel rgb(214, 214, 169) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 214, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 214, 169);  
box-shadow:4px 4px 4px 4px rgb(214, 214,  
169) }
```


Background

The CSS property to change the background color of an element to Yxy 65.2538, 0.3442, 0.3811 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 214, 169) }
```

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

```
.background{ background-color: rgb(214,  
214, 169) }
```

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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