

Converting Colors

Yxy(66.0070, 0.3873, 0.4419)

Have a look what the booklet for
Yxy(66.0070, 0.3873, 0.4419)
contains.

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Color

Yxy(65.8562, 0.3869, 0.4415)

Conversions

Conversions Part 1

Format	Color
Hex	DED872
RGB	222, 216, 114
RGB Percent	87%, 85%, 45%
CMY	0.1295, 0.1529, 0.5528
CMYK	0.00, 0.03, 0.49, 0.13
HSL	57°, 62%, 66%
HSV	57°, 49%, 87%
XYZ	57.7118, 65.8562, 25.5967
YIQ	206.1660, 36.3180, -30.4500

Conversions

Conversions Part 2

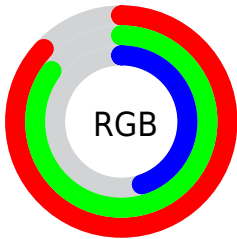
Format	Color
RYB	120, 222, 114
Decimal	14604402
CIELab	84.92, -11.62, 50.57
CIELCh	85, 51.888, 102.939
Yxy	65.8562, 0.3869, 0.4415
Android (android.graphics.Color)	4292794482 (0xFFDED872)
YUV	206.1660, -45.4378, 13.8864
Hunter-Lab	81.1518, -15.0739, 38.1052

Details

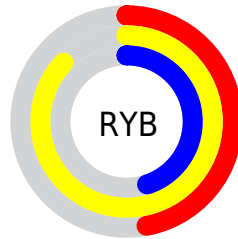
The Yxy color **65.8562, 0.3869, 0.4415** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **22.2807, 0.2216, 0.1840**, and the grayscale version is **62.1134, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.6072, 0.3643, 0.4143**, and **33.8369, 0.4017, 0.4666** is the 20% darker color. If you saturate the color by 10%, you get **64.7881, 0.4000, 0.4605**, and if you desaturate by 10%, it is **67.0577, 0.3723, 0.4199**.

Distribution



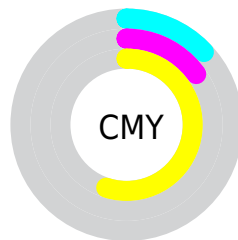
- Red (87%)
- Green (85%)
- Blue (45%)



- Red (47%)
- Yellow (87%)
- Blue (45%)



- Cyan (0%)
- Magenta (3%)
- Yellow (49%)
- Black (13%)





- Cyan (13%)
- Magenta (15%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 65.8562, 0.3869, 0.4415 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 65.8562, 0.3869, 0.4415 by changing the saturation by 10% instead.


 65.8562, 0.3869,
0.4415


 65.8562, 0.3869,
0.4415


445.8624, 0.3543,
0.3890

 48.1557, 0.3935,
0.4531


 113.2799, 0.3762,
0.4235

 33.9502, 0.4011,
0.4671


 143.7719, 0.3718,
0.4164

 22.8553, 0.4096,
0.4841


 179.2965, 0.3680,
0.4102

 14.4867, 0.4188,
0.5046

220.2381, 0.3646,
0.4049

 8.4600, 0.4279,
0.5299

266.9811, 0.3616,
0.4002

 4.3907, 0.4365,
0.5635

319.9099, 0.3589,

 1.8944, 0.4196,

0.3960

0.5804

379.4089, 0.3564,
0.3923

■ 0.5450, 0.3007,
0.6993

■ 0.0000, 0.0000,
0.0000

■ 65.8562, 0.3869,
0.4415

■ 65.8562, 0.3869,
0.4415

■ 64.7881, 0.4000,
0.4605

■ 67.0577, 0.3723,
0.4199

■ 63.8352, 0.4111,
0.4759


■ 68.3917, 0.3568,
0.3967


■ 62.9903, 0.4197,
0.4872


■ 69.8686, 0.3411,
0.3728


■ 62.2413, 0.4256,
0.4941


■ 71.4952, 0.3256,
0.3490

 61.5700, 0.4290,
0.4970


 73.2780, 0.3107,
0.3259

 61.4805, 0.4294,
0.4972

 75.2231, 0.2967,
0.3040

 76.3731, 0.2920,
0.2975

 77.0362, 0.2921,
0.2988

 77.7041, 0.2921,
0.3001

Harmonies

Analogous

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



65.8562, 0.4298, 0.4079



65.8562, 0.3869, 0.4415



65.8562, 0.3266, 0.4430

Triad

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



65.8562, 0.3869, 0.4415



65.8562, 0.1997, 0.2763



65.8562, 0.3538, 0.2692

Complementary

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



65.8562, 0.3869, 0.4415



22.2807, 0.2216, 0.1840

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.



65.8562, 0.2881, 0.2398



65.8562, 0.3869, 0.4415



65.8562, 0.2051, 0.2401

Square

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



65.8562, 0.3869, 0.4415



65.8562, 0.2203, 0.3358



65.8562, 0.2354, 0.2289



65.8562, 0.4122, 0.3118

Rectangle

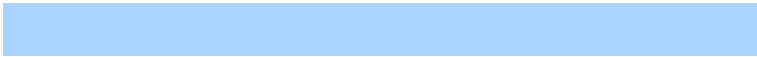
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



65.8562, 0.3869, 0.4415



65.8562, 0.2849, 0.4199



65.8562, 0.2354, 0.2289



65.8562, 0.3315, 0.2576

Sweetspot

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



65.8592, 0.3869, 0.4415



96.4373, 0.3356, 0.3644



28.9517, 0.4390, 0.3209



20.5427, 0.3389, 0.3695



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.



65.8592, 0.3869, 0.4415



88.7462, 0.3998, 0.4602



62.5790, 0.3472, 0.4636



15.8931, 0.3269, 0.3509



36.5841, 0.4292, 0.4974



2.5759, 0.4276, 0.4987

Inverse Universe

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



22.2807, 0.2216, 0.1840



22.6733, 0.2014, 0.1508



24.8697, 0.2588, 0.1901



13.3640, 0.2981, 0.3061



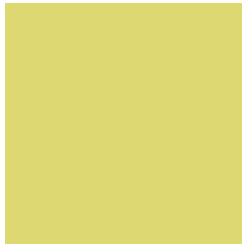
3.3434, 0.1510, 0.0636



0.2752, 0.1539, 0.0741

Previews

White Background



This preview shows how the Yxy color 65.8562, 0.3869, 0.4415 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 65.8562, 0.3869, 0.4415 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

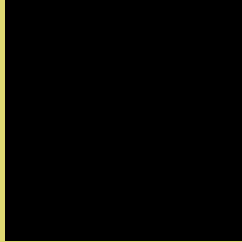
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 65.8562, 0.3869, 0.4415

Background



This preview shows how black text looks on a background with the Yxy color 65.8562, 0.3869, 0.4415.



This preview shows how white text looks on a background with the Yxy color 65.8562, 0.3869, 0.4415.

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

65.8562, 0.3869, 0.4415

Protanopia

65.7716, 0.3994, 0.4345

Deuteranopia

65.5836, 0.4101, 0.4037



Tritanopia

65.6767, 0.3235, 0.3119

Trichromacy



Original Color

65.8562, 0.3869, 0.4415

Protanomaly

65.6037, 0.3956, 0.4369

Deuteranomaly

65.6217, 0.4018, 0.4175

Tritanomaly

65.1060, 0.3487, 0.3592

Monochromacy



Original Color

65.8562, 0.3869, 0.4415

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

63.1074, 0.3406, 0.3723

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.8562, 0.3869, 0.4415 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(222, 216, 114)` looks like.

```
.text, #text, p{  
    color:rgb(222, 216, 114)  
}
```

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(222, 216, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 216, 114) }
```

Border

The CSS property to change the border of an element to Yxy 65.8562, 0.3869, 0.4415 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(222, 216, 114) }
```

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

```
.border{ border-color:rgb(222, 216, 114) }
```

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

Here you see how a box with a 4 pixel rgb(222, 216, 114) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 216, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 216, 114);  
box-shadow:4px 4px 4px 4px rgb(222, 216,  
114) }
```


Background

The CSS property to change the background color of an element to Yxy 65.8562, 0.3869, 0.4415 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 216, 114) }
```

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

```
.background{ background-color: rgb(222,  
216, 114) }
```

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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