

Converting Colors

Yxy(66.9417, 0.3663, 0.4176)

Have a look what the booklet for
Yxy(66.9417, 0.3663, 0.4176)
contains.

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Color

Yxy(66.9417, 0.3663, 0.4176)

Conversions

Conversions Part 1

Format	Color
Hex	DADA8C
RGB	218, 218, 140
RGB Percent	85%, 85%, 55%
CMY	0.1451, 0.1451, 0.4509
CMYK	0.00, 0.00, 0.36, 0.15
HSL	60°, 51%, 70%
HSV	60°, 36%, 85%
XYZ	58.7183, 66.9417, 34.6410
YIQ	209.1080, 25.0380, -24.2580

Conversions

Conversions Part 2

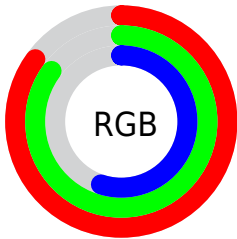
Format	Color
RYB	140, 218, 140
Decimal	14342796
CIELab	85.47, -11.55, 38.42
CIELCh	85, 40.120, 106.729
Yxy	66.9417, 0.3663, 0.4176
Android (android.graphics.Color)	4292532876 (0xFFDADA8C)
YUV	209.1080, -34.0702, 7.7983
Hunter-Lab	81.8179, -15.0772, 32.1696

Details

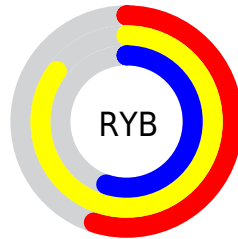
The Yxy color **66.9417, 0.3663, 0.4176** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **29.3994, 0.2479, 0.2218**, and the grayscale version is **64.0510, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.6750, 0.3490, 0.3890**, and **34.5970, 0.3774, 0.4382** is the 20% darker color. If you saturate the color by 10%, you get **66.3635, 0.3802, 0.4406**, and if you desaturate by 10%, it is **67.6533, 0.3515, 0.3931**.

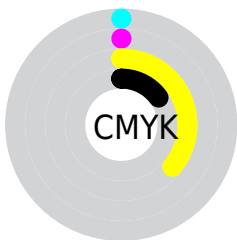
Distribution



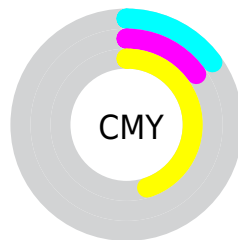
- Red (85%)
- Green (85%)
- Blue (55%)



- Red (55%)
- Yellow (85%)
- Blue (55%)



- Cyan (0%)
- Magenta (0%)
- Yellow (36%)
- Black (15%)




- Cyan (15%)
- Magenta (15%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.9417, 0.3663, 0.4176 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 66.9417, 0.3663, 0.4176 by changing the saturation by 10% instead.


 66.9417, 0.3663,
0.4176

 66.9417, 0.3663,
0.4176


449.7372, 0.3422,
0.3756

 49.0372, 0.3714,
0.4272


 114.8369, 0.3582,
0.4029

 34.6490, 0.3775,
0.4391


 145.5964, 0.3550,
0.3973

 23.3926, 0.3848,
0.4540


 181.4097, 0.3522,
0.3924

 14.8837, 0.3934,
0.4731

222.6612, 0.3497,
0.3881

 8.7378, 0.4032,
0.4980

269.7353, 0.3475,
0.3844

 4.5706, 0.4178,
0.5370

323.0164, 0.3455,

 1.9976, 0.4212,

0.3811

0.5788

382.8889, 0.3438,
0.3782

0.6061, 0.3267,
0.6733

0.0000, 0.0000,
0.0000

66.9417, 0.3663,
0.4176

66.9417, 0.3663,
0.4176

66.3635, 0.3802,
0.4406

67.6533, 0.3515,
0.3931

65.9022, 0.3926,
0.4610


68.4963, 0.3363,
0.3680

65.5523, 0.4029,
0.4781

69.4800, 0.3212,
0.3430

65.3045, 0.4107,
0.4910


70.6105, 0.3066,
0.3190


 65.1478, 0.4159,
0.4996

 71.8936, 0.2929,
0.2962

 65.0686, 0.4186,
0.5041

 72.2735, 0.2892,
0.2902

 65.0482, 0.4193,
0.5053

 72.2739, 0.2892,
0.2902

 72.2743, 0.2892,
0.2902

 72.2747, 0.2892,
0.2902

Harmonies

Analogous

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



66.9417, 0.4012, 0.3965



66.9417, 0.3663, 0.4176



66.9417, 0.3186, 0.4125

Triad

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



66.9417, 0.3663, 0.4176



66.9417, 0.2227, 0.2847



66.9417, 0.3511, 0.2858

Complementary

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



66.9417, 0.3663, 0.4176



29.3994, 0.2479, 0.2218

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.



66.9417, 0.3004, 0.2603



66.9417, 0.3663, 0.4176



66.9417, 0.2296, 0.2574

Square

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



66.9417, 0.3663, 0.4176



66.9417, 0.2373, 0.3289



66.9417, 0.2567, 0.2498



66.9417, 0.3933, 0.3215

Rectangle

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



66.9417, 0.3663, 0.4176



66.9417, 0.2864, 0.3923



66.9417, 0.2567, 0.2498



66.9417, 0.3343, 0.2759

Sweetspot

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



66.9447, 0.3663, 0.4176



98.3226, 0.3292, 0.3562



35.5600, 0.3984, 0.3293



21.0046, 0.3313, 0.3597



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.



66.9447, 0.3663, 0.4176



94.8325, 0.3770, 0.4353



61.6247, 0.3357, 0.4274



15.2638, 0.3267, 0.3521



38.9682, 0.4193, 0.5053



2.5246, 0.4193, 0.5053

Inverse Universe

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



29.3994, 0.2479, 0.2218



33.6308, 0.2316, 0.1949



33.4069, 0.2808, 0.2309



12.6173, 0.2981, 0.3048



3.0328, 0.1500, 0.0600



0.1965, 0.1500, 0.0600

Previews

White Background



This preview shows how the Yxy color 66.9417, 0.3663, 0.4176 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 66.9417, 0.3663, 0.4176 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

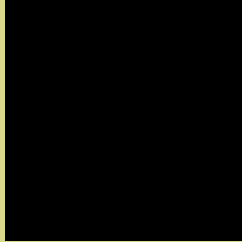
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

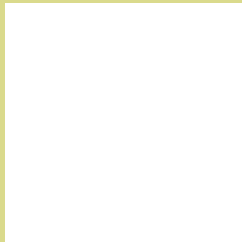
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 66.9417, 0.3663, 0.4176

Background



This preview shows how black text looks on a background with the Yxy color 66.9417, 0.3663, 0.4176.



This preview shows how white text looks on a background with the Yxy color 66.9417, 0.3663, 0.4176.

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

66.9417, 0.3663, 0.4176

Protanopia

66.5793, 0.3809, 0.4113

Deuteranopia

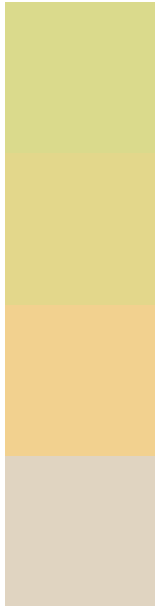
66.4901, 0.3986, 0.3900



Tritanopia

66.9875, 0.3165, 0.3118

Trichromacy



Original Color

66.9417, 0.3663, 0.4176

Protanomaly

66.7959, 0.3753, 0.4134

Deuteranomaly

66.4613, 0.3872, 0.3997

Tritanomaly

66.7845, 0.3352, 0.3503

Monochromacy



Original Color

66.9417, 0.3663, 0.4176

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

64.5447, 0.3323, 0.3615

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.9417, 0.3663, 0.4176 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(218, 218, 140)` looks like.

```
.text, #text, p{  
    color:rgb(218, 218, 140)  
}
```

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(218, 218, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 218, 140) }
```

Border

The CSS property to change the border of an element to Yxy 66.9417, 0.3663, 0.4176 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(218, 218, 140) }
```

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

```
.border{ border-color:rgb(218, 218, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 218, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 218, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 218, 140);  
box-shadow:4px 4px 4px 4px rgb(218, 218,  
140) }
```


Background

The CSS property to change the background color of an element to Yxy 66.9417, 0.3663, 0.4176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 218, 140) }
```

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

```
.background{ background-color: rgb(218,  
218, 140) }
```

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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