

Converting Colors

$Yxy(68.1994, 0.3661, 0.4261)$

Have a look what the booklet for
Yxy(68.1994, 0.3661, 0.4261)
contains.

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Color

Yxy(68.0894, 0.3662, 0.4254)

Conversions

Conversions Part 1

Format	Color
Hex	D8DD88
RGB	216, 221, 136
RGB Percent	85%, 87%, 53%
CMY	0.1531, 0.1333, 0.4665
CMYK	0.02, 0.00, 0.38, 0.13
HSL	64°, 56%, 70%
HSV	64°, 38%, 87%
XYZ	58.6139, 68.0894, 33.3564
YIQ	209.8150, 24.3050, -27.4950

Conversions

Conversions Part 2

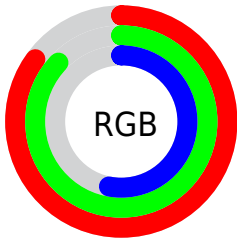
Format	Color
R _{YB}	136, 221, 141
Decimal	14212488
CIE _{Lab}	86.05, -14.29, 41.13
CIE _{LCh}	86, 43.536, 109.156
Yxy	68.0894, 0.3662, 0.4254
Android (android.graphics.Color)	4292402568 (0xFFD8DD88)
YUV	209.8150, -36.3908, 5.4242
Hunter-Lab	82.5163, -17.6095, 33.7940

Details

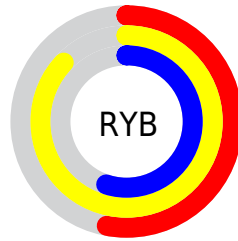
The Yxy color **68.0894, 0.3662, 0.4254** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **28.5076, 0.2460, 0.2135**, and the grayscale version is **64.5527, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.4977, 0.3514, 0.3929**, and **35.3861, 0.3775, 0.4492** is the 20% darker color. If you saturate the color by 10%, you get **67.3283, 0.3787, 0.4487**, and if you desaturate by 10%, it is **68.9878, 0.3526, 0.4005**.

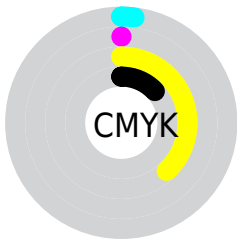
Distribution



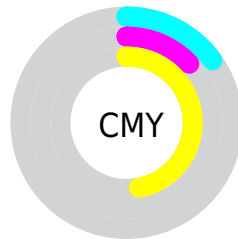
- Red (85%)
- Green (87%)
- Blue (53%)



- Red (53%)
- Yellow (87%)
- Blue (55%)



- Cyan (2%)
- Magenta (0%)
- Yellow (38%)
- Black (13%)





- Cyan (15%)
- Magenta (13%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 68.0894, 0.3662, 0.4254 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 68.0894, 0.3662, 0.4254 by changing the saturation by 10% instead.


 68.0894, 0.3662,
0.4254

 68.0894, 0.3662,
0.4254


453.8127, 0.3425,
0.3797


 49.9705, 0.3711,
0.4359


 116.4800, 0.3583,
0.4095

 35.3899, 0.3769,
0.4487


 147.5205, 0.3552,
0.4033

 23.9634, 0.3836,
0.4649


 183.6370, 0.3524,
0.3980

 15.3065, 0.3913,
0.4854

225.2138, 0.3500,
0.3934

 9.0348, 0.3994,
0.5119

272.6354, 0.3478,
0.3893

 4.7639, 0.4131,
0.5560

326.2861, 0.3458,

 2.1094, 0.4065,

0.3857

0.5935

386.5504, 0.3441,
0.3826

0.6699, 0.3006,
0.6994

0.0000, 0.0000,
0.0000

68.0894, 0.3662,
0.4254

68.0894, 0.3662,
0.4254

67.3283, 0.3787,
0.4487

68.9878, 0.3526,
0.4005

66.6873, 0.3895,
0.4695


70.0217, 0.3385,
0.3750

66.1605, 0.3981,
0.4867


71.2009, 0.3244,
0.3497


65.7377, 0.4042,
0.4997


72.5317, 0.3106,
0.3253

 65.4072, 0.4076,
0.5083


 74.0201, 0.2975,
0.3022

 65.1511, 0.4088,
0.5130

 74.7619, 0.2932,
0.2938

 65.1142, 0.4089,
0.5136

 74.9722, 0.2940,
0.2939

 75.1841, 0.2949,
0.2940

 75.3976, 0.2958,
0.2941

Harmonies

Analogous

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



68.0894, 0.4056, 0.4037



68.0894, 0.3662, 0.4254



68.0894, 0.3144, 0.4178

Triad

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



68.0894, 0.3662, 0.4254



68.0894, 0.2160, 0.2778



68.0894, 0.3583, 0.2854

Complementary

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



68.0894, 0.3662, 0.4254



28.5076, 0.2460, 0.2135

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.



68.0894, 0.3036, 0.2572



68.0894, 0.3662, 0.4254



68.0894, 0.2252, 0.2507

Square

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



68.0894, 0.3662, 0.4254



68.0894, 0.2296, 0.3242



68.0894, 0.2557, 0.2445



68.0894, 0.4025, 0.3239

Rectangle

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



68.0894, 0.3662, 0.4254



68.0894, 0.2801, 0.3943



68.0894, 0.2557, 0.2445



68.0894, 0.3403, 0.2746

Sweetspot

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



68.0925, 0.3662, 0.4254



97.8406, 0.3295, 0.3589



35.9908, 0.4059, 0.3344



20.8956, 0.3314, 0.3622



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.



68.0925, 0.3662, 0.4254



93.3093, 0.3762, 0.4440



62.5285, 0.3339, 0.4366



15.2225, 0.3258, 0.3522



37.8384, 0.4090, 0.5134



2.4636, 0.4108, 0.5120

Inverse Universe

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



28.5076, 0.2460, 0.2135



31.3003, 0.2296, 0.1856



32.8775, 0.2816, 0.2240



12.6539, 0.2990, 0.3049



3.0991, 0.1520, 0.0611



0.2141, 0.1579, 0.0643

Previews

White Background



This preview shows how the Yxy color 68.0894, 0.3662, 0.4254 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 68.0894, 0.3662, 0.4254 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

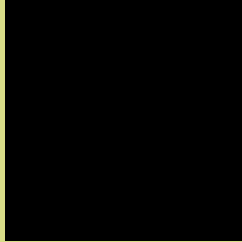
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

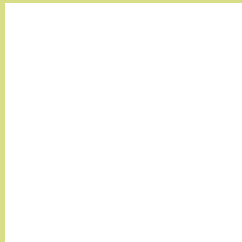
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 68.0894, 0.3662, 0.4254

Background



This preview shows how black text looks on a background with the Yxy color 68.0894, 0.3662, 0.4254.



This preview shows how white text looks on a background with the Yxy color 68.0894, 0.3662, 0.4254.

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

68.0894, 0.3662, 0.4254

Protanopia

67.9843, 0.3852, 0.4165

Deuteranopia

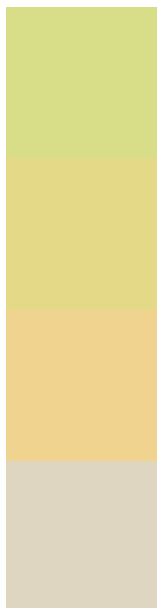
67.5725, 0.3947, 0.3880



Tritanopia

67.9701, 0.3136, 0.3107

Trichromacy



Original Color

68.0894, 0.3662, 0.4254

Protanomaly

67.8690, 0.3780, 0.4193

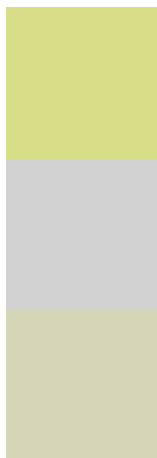
Deuteranomaly

67.3029, 0.3848, 0.4009

Tritanomaly

67.6762, 0.3334, 0.3514

Monochromacy



Original Color

68.0894, 0.3662, 0.4254

Achromatopsia

64.4480, 0.3127, 0.3290

Achromatomaly

65.5091, 0.3328, 0.3649

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.0894, 0.3662, 0.4254 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(216, 221, 136)` looks like.

```
.text, #text, p{  
    color:rgb(216, 221, 136)  
}
```

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(216, 221, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 221, 136) }
```

Border

The CSS property to change the border of an element to Yxy 68.0894, 0.3662, 0.4254 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(216, 221, 136) }
```

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

```
.border{ border-color:rgb(216, 221, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 221, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 221, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 221, 136);  
box-shadow:4px 4px 4px 4px rgb(216, 221,  
136) }
```


Background

The CSS property to change the background color of an element to Yxy 68.0894, 0.3662, 0.4254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 221, 136) }
```

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

```
.background{ background-color: rgb(216,  
221, 136) }
```

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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