

Converting Colors

$Yxy(66.7673, 0.3603, 0.4125)$

Have a look what the booklet for
Yxy(66.7673, 0.3603, 0.4125)
contains.

Yxy(66.6342, 0.3606, 0.4128)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(66.6342, 0.3606, 0.4128)

Conversions

Conversions Part 1

Format	Color
Hex	D7DA91
RGB	215, 218, 145
RGB Percent	84%, 85%, 57%
CMY	0.1568, 0.1451, 0.4314
CMYK	0.01, 0.00, 0.33, 0.15
HSL	62°, 50%, 71%
HSV	62°, 33%, 85%
XYZ	58.2081, 66.6342, 36.5778
YIQ	208.7810, 21.6450, -23.3390

Conversions

Conversions Part 2

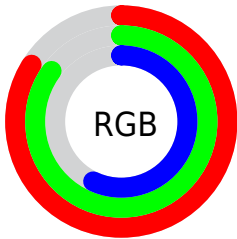
Format	Color
RYB	145, 218, 148
Decimal	14146193
CIELab	85.32, -12.11, 35.66
CIELCh	85, 37.657, 108.766
Yxy	66.6342, 0.3606, 0.4128
Android (android.graphics.Color)	4292336273 (0xFFD7DA91)
YUV	208.7810, -31.4440, 5.4541
Hunter-Lab	81.6298, -15.5684, 30.5734

Details

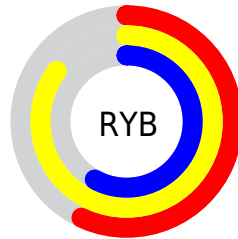
The Yxy color **66.6342, 0.3606, 0.4128** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **31.6051, 0.2551, 0.2304**, and the grayscale version is **63.8105, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.9501, 0.3454, 0.3830**, and **34.3556, 0.3710, 0.4340** is the 20% darker color. If you saturate the color by 10%, you get **65.8930, 0.3740, 0.4368**, and if you desaturate by 10%, it is **67.5112, 0.3464, 0.3877**.

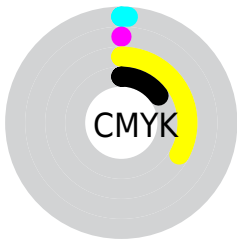
Distribution



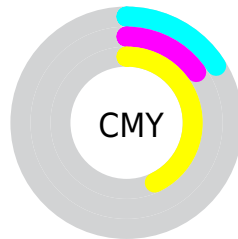
- Red (84%)
- Green (85%)
- Blue (57%)



- Red (57%)
- Yellow (85%)
- Blue (58%)



- Cyan (1%)
- Magenta (0%)
- Yellow (33%)
- Black (15%)





- Cyan (16%)
- Magenta (15%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.6342, 0.3606, 0.4128 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 66.6342, 0.3606, 0.4128 by changing the saturation by 10% instead.


 66.6342, 0.3606,
0.4128


 66.6342, 0.3606,
0.4128


448.6416, 0.3390,
0.3729

 48.7874, 0.3652,
0.4221


 114.3961, 0.3533,
0.3988

 34.4509, 0.3708,
0.4335

 145.0800, 0.3504,
0.3934

 23.2402, 0.3774,
0.4480


180.8117, 0.3479,
0.3888

 14.7710, 0.3854,
0.4667

221.9757, 0.3457,
0.3847

 8.6588, 0.3946,
0.4915

268.9562, 0.3437,
0.3812

 4.5193, 0.4064,
0.5282

322.1378, 0.3420,

 1.9681, 0.4175,

0.3781

0.5825

381.9048, 0.3404,
0.3754

0.5888, 0.3095,
0.6905

0.0000, 0.0000,
0.0000

66.6342, 0.3606,
0.4128

66.6342, 0.3606,
0.4128

65.8930, 0.3740,
0.4368

67.5112, 0.3464,
0.3877

65.2712, 0.3860,
0.4586


68.5217, 0.3319,
0.3623

64.7636, 0.3961,
0.4773

69.6752, 0.3176,
0.3375

64.3611, 0.4038,
0.4921


70.9775, 0.3038,
0.3136

 64.0530, 0.4089,
0.5025


 72.4344, 0.2908,
0.2913


 63.8267, 0.4115,
0.5087

 72.6384, 0.2908,
0.2903

 63.7094, 0.4121,
0.5110

 72.7786, 0.2914,
0.2904

 72.9195, 0.2920,
0.2905

 73.0611, 0.2926,
0.2905

Harmonies

Analogous

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



66.6342, 0.3945, 0.3948



66.6342, 0.3606, 0.4128



66.6342, 0.3154, 0.4057

Triad

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



66.6342, 0.3606, 0.4128



66.6342, 0.2274, 0.2852



66.6342, 0.3520, 0.2903

Complementary

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



66.6342, 0.3606, 0.4128



31.6051, 0.2551, 0.2304

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.



66.6342, 0.3044, 0.2653



66.6342, 0.3606, 0.4128



66.6342, 0.2353, 0.2605

Square

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



66.6342, 0.3606, 0.4128



66.6342, 0.2400, 0.3260



66.6342, 0.2624, 0.2543



66.6342, 0.3905, 0.3246

Rectangle

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



66.6342, 0.3606, 0.4128



66.6342, 0.2851, 0.3857



66.6342, 0.2624, 0.2543



66.6342, 0.3364, 0.2807

Sweetspot

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



66.6372, 0.3606, 0.4128



98.2674, 0.3270, 0.3538



37.9502, 0.3898, 0.3322



20.9848, 0.3290, 0.3573



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.



66.6372, 0.3606, 0.4128



94.2954, 0.3699, 0.4294



61.7800, 0.3326, 0.4211



15.2353, 0.3261, 0.3521



38.1792, 0.4122, 0.5109



2.4821, 0.4135, 0.5099

Inverse Universe

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



31.6051, 0.2551, 0.2304



37.1889, 0.2409, 0.2065



35.4924, 0.2855, 0.2383



12.6425, 0.2987, 0.3049



3.0785, 0.1514, 0.0607



0.2086, 0.1555, 0.0630

Previews

White Background



This preview shows how the Yxy color 66.6342, 0.3606, 0.4128 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 66.6342, 0.3606, 0.4128 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

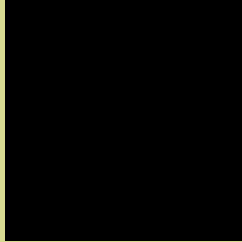
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

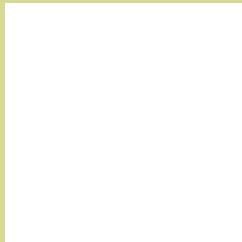
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 66.6342, 0.3606, 0.4128

Background



This preview shows how black text looks on a background with the Yxy color 66.6342, 0.3606, 0.4128.



This preview shows how white text looks on a background with the Yxy color 66.6342, 0.3606, 0.4128.

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

66.6342, 0.3606, 0.4128

Protanopia

66.5606, 0.3766, 0.4062

Deuteranopia

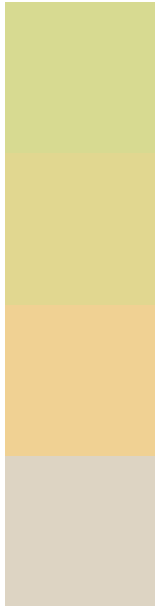
66.3947, 0.3955, 0.3872



Tritanopia

66.5011, 0.3143, 0.3116

Trichromacy



Original Color

66.6342, 0.3606, 0.4128

Protanomaly

66.6220, 0.3703, 0.4085

Deuteranomaly

66.2328, 0.3827, 0.3960

Tritanomaly

66.3992, 0.3314, 0.3481

Monochromacy



Original Color

66.6342, 0.3606, 0.4128

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

64.4810, 0.3301, 0.3592

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.6342, 0.3606, 0.4128 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(215, 218, 145)` looks like.

```
.text, #text, p{  
    color:rgb(215, 218, 145)  
}
```

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(215, 218, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 218, 145) }
```

Border

The CSS property to change the border of an element to Yxy 66.6342, 0.3606, 0.4128 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(215, 218, 145) }
```

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

```
.border{ border-color:rgb(215, 218, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 218, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 218, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 218, 145);  
box-shadow:4px 4px 4px 4px rgb(215, 218,  
145) }
```


Background

The CSS property to change the background color of an element to Yxy 66.6342, 0.3606, 0.4128 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 218, 145) }
```

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

```
.background{ background-color: rgb(215,  
218, 145) }
```

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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