

Converting Colors

Yxy(64.7771, 0.3451, 0.3809)

Have a look what the booklet for
Yxy(64.7771, 0.3451, 0.3809)
contains.

Yxy(64.7118, 0.3452, 0.3812)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(64.7118, 0.3452, 0.3812)

Conversions

Conversions Part 1

Format	Color
Hex	D6D5A8
RGB	214, 213, 168
RGB Percent	84%, 84%, 66%
CMY	0.1607, 0.1647, 0.3412
CMYK	0.00, 0.00, 0.22, 0.16
HSL	59°, 36%, 75%
HSV	59°, 22%, 84%
XYZ	58.6005, 64.7118, 46.4458
YIQ	208.1690, 15.0410, -13.7830

Conversions

Conversions Part 2

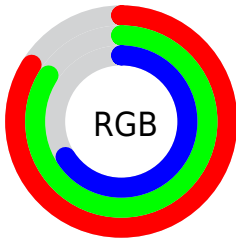
Format	Color
RYB	169, 214, 168
Decimal	14079400
CIELab	84.34, -6.92, 22.44
CIElCh	84, 23.481, 107.144
Yxy	64.7118, 0.3452, 0.3812
Android (android.graphics.Color)	4292269480 (0xFFD6D5A8)
YUV	208.1690, -19.8033, 5.1138
Hunter-Lab	80.4436, -10.7451, 22.0782

Details

The Yxy color **64.7118, 0.3452, 0.3812** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **41.5704, 0.2768, 0.2709**, and the grayscale version is **63.3196, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.1077, 0.3315, 0.3601**, and **33.0856, 0.3528, 0.3934** is the 20% darker color. If you saturate the color by 10%, you get **63.7392, 0.3605, 0.4056**, and if you desaturate by 10%, it is **65.8222, 0.3299, 0.3566**.

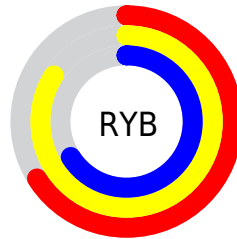
Distribution



Red (84%)

Green (84%)

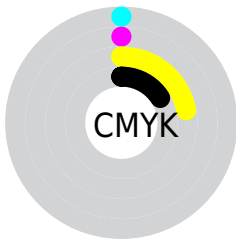
Blue (66%)



Red (66%)

Yellow (84%)

Blue (66%)

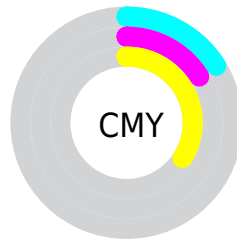


Cyan (0%)

Magenta (0%)

Yellow (22%)

Black (16%)



Cyan (16%)


Magenta (16%)


Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 64.7118, 0.3452, 0.3812 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 64.7118, 0.3452, 0.3812 by changing the saturation by 10% instead.


 64.7118, 0.3452,
0.3812

 64.7118, 0.3452,
0.3812


441.7556, 0.3301,
0.3562

 47.2274, 0.3486,
0.3871


 111.6354, 0.3400,
0.3724

 33.2155, 0.3528,
0.3944


 141.8434, 0.3379,
0.3690

 22.2916, 0.3581,
0.4038


177.0615, 0.3362,
0.3661

 14.0713, 0.3650,
0.4163

217.6739, 0.3346,
0.3636

 8.1703, 0.3739,
0.4336

264.0652, 0.3333,
0.3614

 4.2041, 0.3860,
0.4588

316.6196, 0.3321,

 1.7884, 0.4257,

0.3595

0.5273

375.7216, 0.3311,
0.3578

0.4799, 0.3744,
0.6256

0.0000, 0.0000,
0.0000

64.7118, 0.3452,
0.3812

64.7118, 0.3452,
0.3812

63.7392, 0.3605,
0.4056

65.8222, 0.3299,
0.3566

62.8893, 0.3752,
0.4290

67.0677, 0.3149,
0.3326

62.1581, 0.3888,
0.4503

68.4568, 0.3007,
0.3095

61.5378, 0.4006,
0.4687

69.9949, 0.2873,
0.2879

■ 61.0201, 0.4101,
0.4833

■ 70.3299, 0.2865,
0.2871

■ 60.5950, 0.4170,
0.4936

■ 70.5765, 0.2865,
0.2876

■ 60.2510, 0.4213,
0.4996

■ 70.8239, 0.2865,
0.2881

■ 60.0052, 0.4233,
0.5021

■ 71.0720, 0.2866,
0.2886

■ 71.3208, 0.2866,
0.2891

Harmonies

Analogous

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



64.7118, 0.3654, 0.3708



64.7118, 0.3452, 0.3812



64.7118, 0.3168, 0.3766

Triad

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



64.7118, 0.3452, 0.3812



64.7118, 0.2576, 0.3034



64.7118, 0.3362, 0.3030

Complementary

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



64.7118, 0.3452, 0.3812



41.5704, 0.2768, 0.2709

Split Complementary

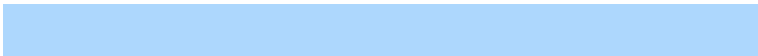
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



64.7118, 0.3064, 0.2867



64.7118, 0.3452, 0.3812



64.7118, 0.2620, 0.2859

Square

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



64.7118, 0.3452, 0.3812



64.7118, 0.2669, 0.3295



64.7118, 0.2795, 0.2804



64.7118, 0.3604, 0.3258

Rectangle

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



64.7118, 0.3452, 0.3812



64.7118, 0.2973, 0.3649



64.7118, 0.2795, 0.2804



64.7118, 0.3265, 0.2967

Sweetspot

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



64.7147, 0.3452, 0.3812



98.8337, 0.3216, 0.3434



45.1902, 0.3545, 0.3273



21.1283, 0.3226, 0.3450



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.



64.7147, 0.3452, 0.3812



95.4915, 0.3525, 0.3929



62.2155, 0.3282, 0.3853



14.4697, 0.3267, 0.3515



36.2784, 0.4233, 0.5021



2.2037, 0.4225, 0.5027

Inverse Universe

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



41.5704, 0.2768, 0.2709



54.9115, 0.2677, 0.2560



43.7416, 0.2942, 0.2724



12.0531, 0.2981, 0.3054



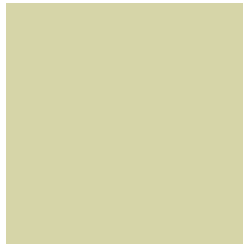
3.0181, 0.1504, 0.0615



0.1982, 0.1518, 0.0664

Previews

White Background



This preview shows how the Yxy color 64.7118, 0.3452, 0.3812 looks on a white background.

Color Contrast Check

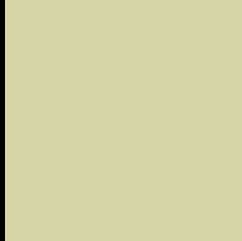
Large Text (above 18pt) WCAG AA × Fail

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 64.7118, 0.3452, 0.3812 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

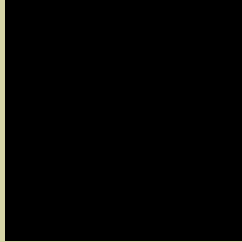
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

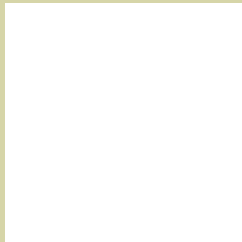
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 64.7118, 0.3452, 0.3812

Background



This preview shows how black text looks on a background with the Yxy color 64.7118, 0.3452, 0.3812.



This preview shows how white text looks on a background with the Yxy color 64.7118, 0.3452, 0.3812.

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

64.7118, 0.3452, 0.3812

Protanopia

64.7305, 0.3546, 0.3778

Deuteranopia

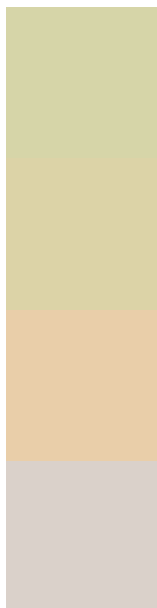
64.3764, 0.3710, 0.3636



Tritanopia

64.7887, 0.3128, 0.3114

Trichromacy



Original Color

64.7118, 0.3452, 0.3812

Protanomaly

64.5942, 0.3511, 0.3794

Deuteranomaly

64.3308, 0.3615, 0.3701

Tritanomaly

64.7706, 0.3245, 0.3369

Monochromacy



Original Color

64.7118, 0.3452, 0.3812

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

63.6451, 0.3246, 0.3487

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.7118, 0.3452, 0.3812 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, 213, 168)` looks like.

```
.text, #text, p{  
    color:rgb(214, 213, 168)  
}
```

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, 213, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 213, 168) }
```

Border

The CSS property to change the border of an element to Yxy 64.7118, 0.3452, 0.3812 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, 213, 168) }
```

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

```
.border{ border-color:rgb(214, 213, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 213, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 213, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 213, 168);  
box-shadow:4px 4px 4px 4px rgb(214, 213,  
168) }
```


Background

The CSS property to change the background color of an element to Yxy 64.7118, 0.3452, 0.3812 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 213, 168) }
```

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

```
.background{ background-color: rgb(214,  
213, 168) }
```

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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