

Converting Colors

Yxy(66.2926, 0.3398, 0.3871)

Have a look what the booklet for
Yxy(66.2926, 0.3398, 0.3871)
contains.

Yxy(66.3799, 0.3394, 0.3874)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(66.3799, 0.3394, 0.3874)

Conversions

Conversions Part 1

Format	Color
Hex	D0DAA8
RGB	208, 218, 168
RGB Percent	82%, 85%, 66%
CMY	0.1843, 0.1451, 0.3410
CMYK	0.05, 0.00, 0.23, 0.15
HSL	72°, 40%, 76%
HSV	72°, 23%, 85%
XYZ	58.1552, 66.3799, 46.8121
YIQ	209.3100, 10.0900, -17.6700

Conversions

Conversions Part 2

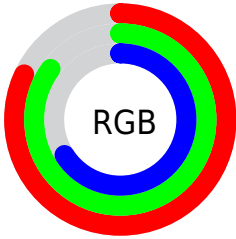
Format	Color
RYB	168, 218, 178
Decimal	13687464
CIELab	85.19, -11.69, 23.52
CIELCh	85, 26.260, 116.425
Yxy	66.3799, 0.3394, 0.3874
Android (android.graphics.Color)	4291877544 (0xFFD0DAA8)
YUV	209.3100, -20.3658, -1.1489
Hunter-Lab	81.4739, -15.1677, 22.9657

Details

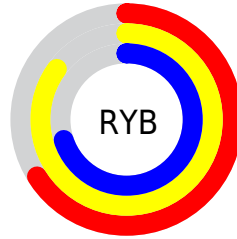
The Yxy color $66.3799, 0.3394, 0.3874$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $42.5518, 0.2819, 0.2664$, and the grayscale version is $64.1078, 0.3127, 0.3290$.

A 20% lighter version of the original color is $98.1077, 0.3315, 0.3601$, and $34.2276, 0.3449, 0.4018$ is the 20% darker color. If you saturate the color by 10%, you get $65.0133, 0.3508, 0.4140$, and if you desaturate by 10%, it is $67.9060, 0.3277, 0.3612$.

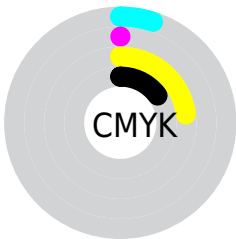
Distribution



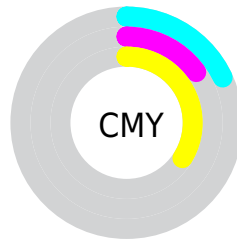
- Red (82%)
- Green (85%)
- Blue (66%)



- Red (66%)
- Yellow (85%)
- Blue (70%)



- Cyan (5%)
- Magenta (0%)
- Yellow (23%)
- Black (15%)



- Cyan (18%)
- Magenta (15%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.3799, 0.3394, 0.3874 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 66.3799, 0.3394, 0.3874 by changing the saturation by 10% instead.

66.3799, 0.3394,
0.3874

66.3799, 0.3394,
0.3874

447.7343, 0.3272,
0.3594

48.5809, 0.3421,
0.3940

114.0314, 0.3352,
0.3775

34.2871, 0.3454,
0.4023

144.6527, 0.3336,
0.3737

23.1143, 0.3494,
0.4130

180.3168, 0.3322,
0.3704

14.6779, 0.3545,
0.4272

221.4082, 0.3310,
0.3676

8.5936, 0.3609,
0.4470

268.3113, 0.3299,
0.3652

4.4771, 0.3689,
0.4760

321.4104, 0.3289,

1.9439, 0.3976,

0.3630

0.5496

381.0899, 0.3280,
0.3611

0.5745, 0.3122,
0.6878

0.0000, 0.0000,
0.0000

66.3799, 0.3394,
0.3874

66.3799, 0.3394,
0.3874

65.0133, 0.3508,
0.4140

67.9060, 0.3277,
0.3612

63.7904, 0.3613,
0.4402

69.5893, 0.3161,
0.3361

62.7067, 0.3705,
0.4648

71.4387, 0.3048,
0.3124

61.7539, 0.3779,
0.4869

73.4444, 0.2942,
0.2907

■ 60.9229, 0.3829,
0.5054

■ 74.1564, 0.2971,
0.2911

■ 60.2030, 0.3853,
0.5194

■ 74.8865, 0.3001,
0.2914

■ 59.5814, 0.3852,
0.5289

■ 75.6348, 0.3030,
0.2917

■ 59.1856, 0.3840,
0.5333

■ 76.4015, 0.3060,
0.2921

■ 77.1865, 0.3090,
0.2924

Harmonies

Analogous

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



66.3799, 0.3656, 0.3803



66.3799, 0.3394, 0.3874



66.3799, 0.3070, 0.3769

Triad

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



66.3799, 0.3394, 0.3874



66.3799, 0.2518, 0.2932



66.3799, 0.3482, 0.3075

Complementary

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



66.3799, 0.3394, 0.3874



42.5518, 0.2819, 0.2664

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.



66.3799, 0.3159, 0.2870



66.3799, 0.3394, 0.3874



66.3799, 0.2613, 0.2780

Square

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



66.3799, 0.3394, 0.3874



66.3799, 0.2574, 0.3197



66.3799, 0.2842, 0.2762



66.3799, 0.3713, 0.3337

Rectangle

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



66.3799, 0.3394, 0.3874



66.3799, 0.2863, 0.3609



66.3799, 0.2842, 0.2762



66.3799, 0.3380, 0.2998

Sweetspot

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



66.3828, 0.3394, 0.3874



98.2320, 0.3209, 0.3463



49.5881, 0.3570, 0.3410



20.9942, 0.3216, 0.3479



0.0000, 0.0000, 0.0000



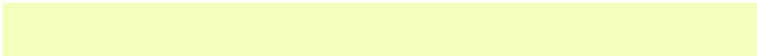
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



66.3828, 0.3394, 0.3874



93.6140, 0.3455, 0.4016



63.0432, 0.3205, 0.3910



15.1254, 0.3236, 0.3523



35.5039, 0.3845, 0.5329



2.3342, 0.3905, 0.5281

Inverse Universe

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



42.5518, 0.2819, 0.2664



53.3256, 0.2734, 0.2497



45.7806, 0.3026, 0.2700



12.7420, 0.3012, 0.3050



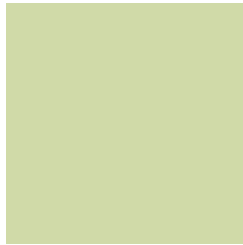
3.3847, 0.1601, 0.0656



0.2557, 0.1755, 0.0740

Previews

White Background



This preview shows how the Yxy color 66.3799, 0.3394, 0.3874 looks on a white background.

Color Contrast Check

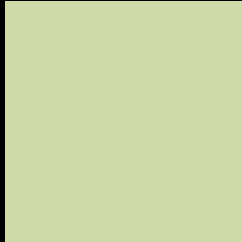
Large Text (above 18pt) WCAG AA × Fail

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 66.3799, 0.3394, 0.3874 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

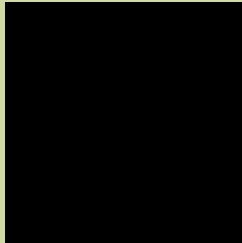
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

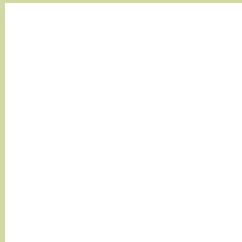
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 66.3799, 0.3394, 0.3874

Background



This preview shows how black text looks on a background with the Yxy color 66.3799, 0.3394, 0.3874.



This preview shows how white text looks on a background with the Yxy color 66.3799, 0.3394, 0.3874.

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

66.3799, 0.3394, 0.3874

Protanopia

66.1345, 0.3580, 0.3817

Deuteranopia

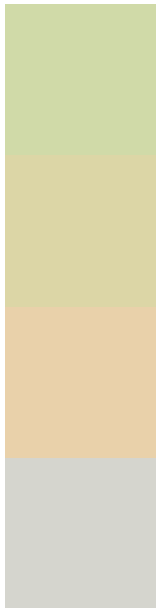
65.9002, 0.3720, 0.3643



Tritanopia

66.2382, 0.3055, 0.3103

Trichromacy



Original Color

66.3799, 0.3394, 0.3874

Protanomaly

66.0620, 0.3511, 0.3837

Deuteranomaly

65.8268, 0.3599, 0.3722

Tritanomaly

66.1909, 0.3175, 0.3369

Monochromacy



Original Color

66.3799, 0.3394, 0.3874

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

64.5373, 0.3230, 0.3499

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.3799, 0.3394, 0.3874 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(208, 218, 168)` looks like.

```
.text, #text, p{  
    color:rgb(208, 218, 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(208, 218, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 218, 168) }
```

Border

The CSS property to change the border of an element to Yxy 66.3799, 0.3394, 0.3874 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(208, 218, 168) }
```

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

```
.border{ border-color:rgb(208, 218, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 218, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 218, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 218, 168);  
box-shadow:4px 4px 4px 4px rgb(208, 218,  
168) }
```


Background

The CSS property to change the background color of an element to Yxy 66.3799, 0.3394, 0.3874 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 218, 168) }
```

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

```
.background{ background-color: rgb(208,  
218, 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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