

Converting Colors

$Yxy(68.2259, 0.3270, 0.3746)$

Have a look what the booklet for
Yxy(68.2259, 0.3270, 0.3746)
contains.

Yxy(68.0694, 0.3271, 0.3744)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(68.0694, 0.3271, 0.3744)

Conversions

Conversions Part 1

Format	Color
Hex	CDDDB6
RGB	205, 221, 182
RGB Percent	80%, 87%, 71%
CMY	0.1962, 0.1333, 0.2862
CMYK	0.07, 0.00, 0.18, 0.13
HSL	85°, 36%, 79%
HSV	85°, 18%, 87%
XYZ	59.4698, 68.0694, 54.2701
YIQ	211.7700, 2.9830, -15.5210

Conversions

Conversions Part 2

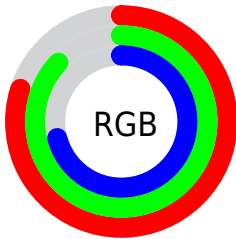
Format	Color
RYB	182, 221, 198
Decimal	13491638
CIELab	86.04, -12.18, 17.36
CIELCh	86, 21.207, 125.058
Yxy	68.0694, 0.3271, 0.3744
Android (android.graphics.Color)	4291681718 (0xFFCDDDB6)
YUV	211.7700, -14.6766, -5.9373
Hunter-Lab	82.5042, -15.7178, 18.7528

Details

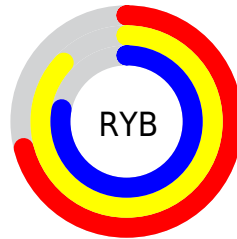
The Yxy color **68.0694, 0.3271, 0.3744** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **50.7013, 0.2963, 0.2829**, and the grayscale version is **65.7738, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.9530, 0.3226, 0.3454**, and **35.4367, 0.3307, 0.3860** is the 20% darker color. If you saturate the color by 10%, you get **65.9729, 0.3350, 0.4024**, and if you desaturate by 10%, it is **70.3913, 0.3189, 0.3479**.

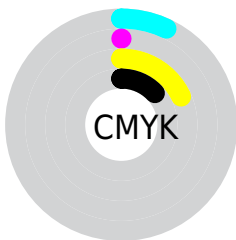
Distribution



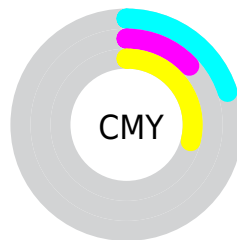
- Red (80%)
- Green (87%)
- Blue (71%)



- Red (71%)
- Yellow (87%)
- Blue (78%)



- Cyan (7%)
- Magenta (0%)
- Yellow (18%)
- Black (13%)





- Cyan (20%)
- Magenta (13%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 68.0694, 0.3271, 0.3744 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 68.0694, 0.3271, 0.3744 by changing the saturation by 10% instead.

 68.0694, 0.3271,
0.3744

 68.0694, 0.3271,
0.3744


453.7419, 0.3206,
0.3527

 49.9542, 0.3285,
0.3795


 116.4514, 0.3249,
0.3667

 35.3770, 0.3303,
0.3860


147.4870, 0.3240,
0.3638

 23.9534, 0.3324,
0.3943


183.5982, 0.3233,
0.3612

 15.2991, 0.3351,
0.4054

225.1694, 0.3226,
0.3591

 9.0296, 0.3385,
0.4210

272.5850, 0.3220,
0.3572

 4.7605, 0.3428,
0.4444

326.2293, 0.3215,

 2.1074, 0.3494,

0.3555

0.4849

386.4868, 0.3210,
0.3540

0.6688, 0.3359,
0.6641

0.0000, 0.0000,
0.0000

68.0694, 0.3271,
0.3744

68.0694, 0.3271,
0.3744

65.9729, 0.3350,
0.4024

70.3913, 0.3189,
0.3479

64.0850, 0.3423,
0.4312

72.9372, 0.3108,
0.3234

62.3999, 0.3485,
0.4599

75.7174, 0.3029,
0.3009


60.9085, 0.3531,
0.4874


77.7047, 0.3049,
0.2950

 59.6004, 0.3558,
0.5121


 79.3495, 0.3111,
0.2957

 58.4643, 0.3561,
0.5329

 80.2007, 0.3143,
0.2960

 57.4870, 0.3540,
0.5487

 56.6507, 0.3498,
0.5593

 56.4679, 0.3486,
0.5614

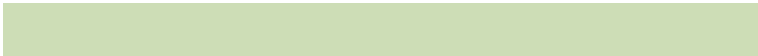
Harmonies

Analogous

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



68.0694, 0.3501, 0.3731



68.0694, 0.3271, 0.3744



68.0694, 0.3009, 0.3620

Triad

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



68.0694, 0.3271, 0.3744



68.0694, 0.2644, 0.2959



68.0694, 0.3475, 0.3176

Complementary

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



68.0694, 0.3271, 0.3744



50.7013, 0.2963, 0.2829

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.



68.0694, 0.3232, 0.2990



68.0694, 0.3271, 0.3744



68.0694, 0.2756, 0.2863

Square

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



68.0694, 0.3271, 0.3744



68.0694, 0.2654, 0.3151



68.0694, 0.2968, 0.2877



68.0694, 0.3624, 0.3395

Rectangle

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



68.0694, 0.3271, 0.3744



68.0694, 0.2852, 0.3478



68.0694, 0.2968, 0.2877



68.0694, 0.3401, 0.3108

Sweetspot

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



68.0724, 0.3271, 0.3744



98.2238, 0.3168, 0.3414



58.9664, 0.3436, 0.3470



20.9719, 0.3174, 0.3431



0.0000, 0.0000, 0.0000



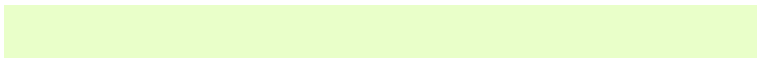
21.4041, 0.3127, 0.3290

Same Dimension

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



68.0724, 0.3271, 0.3744



93.0738, 0.3299, 0.3841



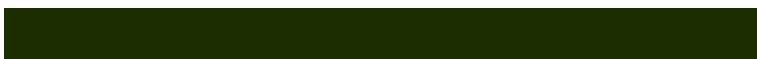
65.5280, 0.3132, 0.3764



14.9828, 0.3204, 0.3525



32.8660, 0.3497, 0.5606



2.1792, 0.3608, 0.5517

Inverse Universe

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



50.7013, 0.2963, 0.2829



64.9706, 0.2925, 0.2729



53.4547, 0.3116, 0.2850



12.8777, 0.3045, 0.3053



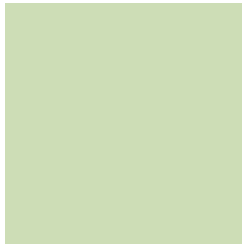
4.3871, 0.1868, 0.0803



0.3339, 0.2053, 0.0905

Previews

White Background



This preview shows how the Yxy color 68.0694, 0.3271, 0.3744 looks on a white background.

Color Contrast Check

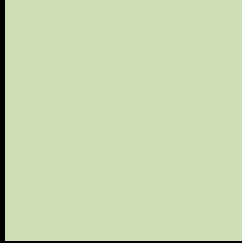
Large Text (above 18pt) WCAG AA × Fail

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 68.0694, 0.3271, 0.3744 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

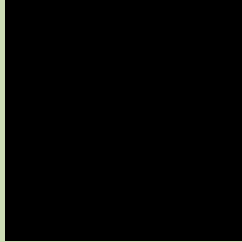
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

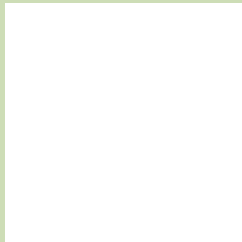
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 68.0694, 0.3271, 0.3744

Background



This preview shows how black text looks on a background with the Yxy color 68.0694, 0.3271, 0.3744.



This preview shows how white text looks on a background with the Yxy color 68.0694, 0.3271, 0.3744.

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

68.0694, 0.3271, 0.3744

Protanopia

67.6787, 0.3473, 0.3680

Deuteranopia

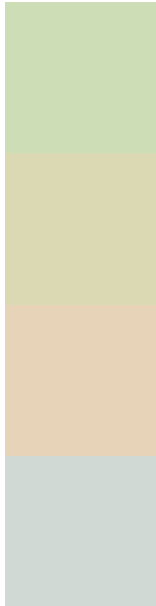
67.7213, 0.3595, 0.3525



Tritanopia

67.8597, 0.3000, 0.3103

Trichromacy



Original Color

68.0694, 0.3271, 0.3744

Protanomaly

67.9811, 0.3398, 0.3709

Deuteranomaly

67.5366, 0.3472, 0.3599

Tritanomaly

67.9851, 0.3096, 0.3335

Monochromacy



Original Color

68.0694, 0.3271, 0.3744

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

66.3732, 0.3178, 0.3451

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.0694, 0.3271, 0.3744 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(205, 221, 182)` looks like.

```
.text, #text, p{  
    color:rgb(205, 221, 182)  
}
```

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(205, 221, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 221, 182) }
```

Border

The CSS property to change the border of an element to Yxy 68.0694, 0.3271, 0.3744 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(205, 221, 182) }
```

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

```
.border{ border-color:rgb(205, 221, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 221, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(205, 221, 182); -webkit-box-shadow:4px 4px 4px 4px rgb(205, 221, 182); box-shadow:4px 4px 4px 4px rgb(205, 221, 182) }
```


Background

The CSS property to change the background color of an element to Yxy 68.0694, 0.3271, 0.3744 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 221, 182) }
```

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

```
.background{ background-color: rgb(205,  
221, 182) }
```

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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