

Converting Colors

$Yxy(68.6577, 0.3194, 0.3618)$

Have a look what the booklet for
Yxy(68.6577, 0.3194, 0.3618)
contains.

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Color

Yxy(68.4005, 0.3191, 0.3614)

Conversions

Conversions Part 1

Format	Color
Hex	CCDDC1
RGB	204, 221, 193
RGB Percent	80%, 87%, 76%
CMY	0.1998, 0.1334, 0.2431
CMYK	0.08, 0.00, 0.13, 0.13
HSL	96°, 29%, 81%
HSV	96°, 13%, 87%
XYZ	60.3946, 68.4005, 60.4703
YIQ	212.7250, -1.1440, -12.3120

Conversions

Conversions Part 2

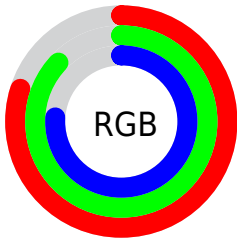
Format	Color
RYB	193, 221, 210
Decimal	13426113
CIELab	86.21, -10.69, 11.82
CIELCh	86, 15.937, 132.117
Yxy	68.4005, 0.3191, 0.3614
Android (android.graphics.Color)	4291616193 (0xFFCCDDC1)
YUV	212.7250, -9.7244, -7.6518
Hunter-Lab	82.7046, -14.3844, 14.5427

Details

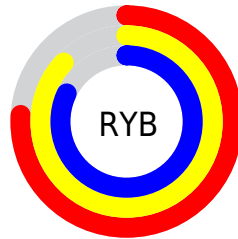
The Yxy color **68.4005, 0.3191, 0.3614** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **57.0520, 0.3055, 0.2971**, and the grayscale version is **66.4199, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.6196, 0.3162, 0.3347**, and **35.6205, 0.3210, 0.3704** is the 20% darker color. If you saturate the color by 10%, you get **65.6800, 0.3239, 0.3897**, and if you desaturate by 10%, it is **71.4366, 0.3141, 0.3355**.

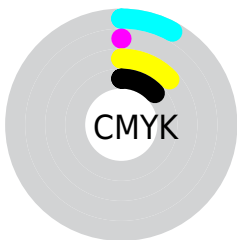
Distribution



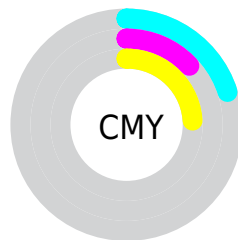
- Red (80%)
- Green (87%)
- Blue (76%)



- Red (76%)
- Yellow (87%)
- Blue (82%)



- Cyan (8%)
- Magenta (0%)
- Yellow (13%)
- Black (13%)



- Cyan (20%)
- Magenta (13%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 68.4005, 0.3191, 0.3614 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 68.4005, 0.3191, 0.3614 by changing the saturation by 10% instead.


 68.4005, 0.3191,
0.3614

 68.4005, 0.3191,
0.3614


454.9137, 0.3163,
0.3460

 50.2236, 0.3197,
0.3650


 116.9249, 0.3181,
0.3559

 35.5911, 0.3205,
0.3696


148.0412, 0.3178,
0.3539

 24.1186, 0.3214,
0.3755


184.2395, 0.3174,
0.3521

 15.4216, 0.3225,
0.3834

225.9041, 0.3171,
0.3505

 9.1158, 0.3240,
0.3945

273.4194, 0.3169,
0.3492

 4.8168, 0.3259,
0.4111

327.1699, 0.3166,

 2.1402, 0.3280,

0.3480

0.4389

387.5398, 0.3164,
0.3469

0.6871, 0.3633,
0.6367

0.0000, 0.0000,
0.0000

68.4005, 0.3191,
0.3614

68.4005, 0.3191,
0.3614

65.6800, 0.3239,
0.3897

71.4366, 0.3141,
0.3355

63.2555, 0.3283,
0.4198

74.7893, 0.3090,
0.3121

61.1189, 0.3319,
0.4511

78.1914, 0.3068,
0.2952

59.2581, 0.3343,
0.4823

80.1882, 0.3143,
0.2960

■ 57.6602, 0.3351,
0.5119

■ 56.3109, 0.3342,
0.5382

■ 55.1943, 0.3313,
0.5593

■ 54.2922, 0.3268,
0.5743

■ 53.7478, 0.3228,
0.5819

Harmonies

Analogous

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



68.4005, 0.3374, 0.3631



68.4005, 0.3191, 0.3614



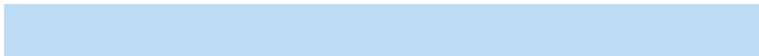
68.4005, 0.2996, 0.3501

Triad

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



68.4005, 0.3191, 0.3614



68.4005, 0.2774, 0.3017



68.4005, 0.3422, 0.3244

Complementary

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



68.4005, 0.3191, 0.3614



57.0520, 0.3055, 0.2971

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.



68.4005, 0.3253, 0.3092



68.4005, 0.3191, 0.3614



68.4005, 0.2880, 0.2962

Square

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



68.4005, 0.3191, 0.3614



68.4005, 0.2759, 0.3149



68.4005, 0.3054, 0.2990



68.4005, 0.3510, 0.3411

Rectangle

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



68.4005, 0.3191, 0.3614



68.4005, 0.2884, 0.3389



68.4005, 0.3054, 0.2990



68.4005, 0.3372, 0.3190

Sweetspot

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



68.4035, 0.3191, 0.3614



98.2086, 0.3148, 0.3389



65.2127, 0.3332, 0.3480



20.9503, 0.3151, 0.3408



0.0000, 0.0000, 0.0000



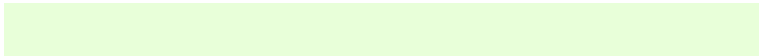
21.4041, 0.3127, 0.3290

Same Dimension

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



68.4035, 0.3191, 0.3614



93.6485, 0.3203, 0.3681



67.0219, 0.3093, 0.3588



14.8558, 0.3175, 0.3527



31.2871, 0.3239, 0.5811



2.0760, 0.3368, 0.5708

Inverse Universe

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



57.0520, 0.3055, 0.2971



75.2236, 0.3040, 0.2905



58.5825, 0.3163, 0.3009



13.0049, 0.3075, 0.3055



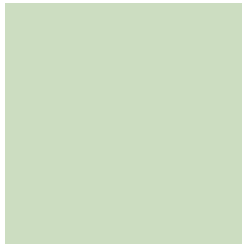
6.0309, 0.2247, 0.1011



0.4401, 0.2402, 0.1097

Previews

White Background



This preview shows how the Yxy color 68.4005, 0.3191, 0.3614 looks on a white background.

Color Contrast Check

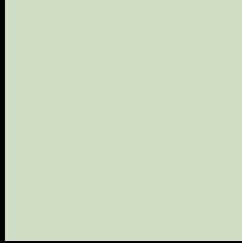
Large Text (above 18pt) WCAG AA × Fail

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 68.4005, 0.3191, 0.3614 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

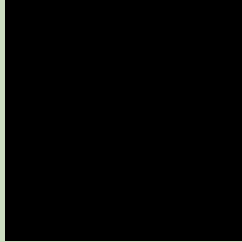
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

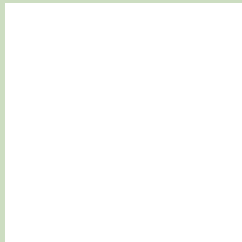
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 68.4005, 0.3191, 0.3614

Background



This preview shows how black text looks on a background with the Yxy color 68.4005, 0.3191, 0.3614.



This preview shows how white text looks on a background with the Yxy color 68.4005, 0.3191, 0.3614.

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

68.4005, 0.3191, 0.3614

Protanopia

68.3261, 0.3376, 0.3569

Deuteranopia

68.1520, 0.3485, 0.3419



Tritanopia

68.1287, 0.2980, 0.3102

Trichromacy



Original Color

68.4005, 0.3191, 0.3614

Protanomaly

68.1390, 0.3305, 0.3584

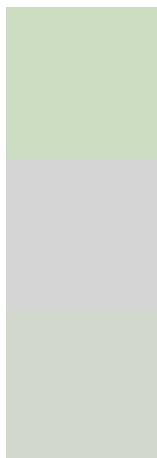
Deuteranomaly

68.1866, 0.3375, 0.3489

Tritanomaly

68.0976, 0.3056, 0.3279

Monochromacy



Original Color

68.4005, 0.3191, 0.3614

Achromatopsia

66.5387, 0.3127, 0.3290

Achromatomaly

67.2696, 0.3151, 0.3404

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.4005, 0.3191, 0.3614 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(204, 221, 193)` looks like.

```
.text, #text, p{  
    color:rgb(204, 221, 193)  
}
```

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(204, 221, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 221, 193) }
```

Border

The CSS property to change the border of an element to Yxy 68.4005, 0.3191, 0.3614 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(204, 221, 193) }
```

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

```
.border{ border-color:rgb(204, 221, 193) }
```

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

Here you see how a box with a 4 pixel rgb(204, 221, 193) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 221, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 221, 193);  
box-shadow:4px 4px 4px 4px rgb(204, 221,  
193) }
```


Background

The CSS property to change the background color of an element to Yxy 68.4005, 0.3191, 0.3614 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 221, 193) }
```

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

```
.background{ background-color: rgb(204,  
221, 193) }
```

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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