

Converting Colors

$Yxy(68.7291, 0.3198, 0.3574)$

Have a look what the booklet for
Yxy(68.7291, 0.3198, 0.3574)
contains.

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Color

Yxy(68.4373, 0.3193, 0.3566)

Conversions

Conversions Part 1

Format	Color
Hex	CFDCC4
RGB	207, 220, 196
RGB Percent	81%, 86%, 77%
CMY	0.1884, 0.1372, 0.2314
CMYK	0.06, 0.00, 0.11, 0.14
HSL	93°, 26%, 82%
HSV	93°, 11%, 86%
XYZ	61.2788, 68.4373, 62.2000
YIQ	213.3770, -0.0440, -10.2200

Conversions

Conversions Part 2

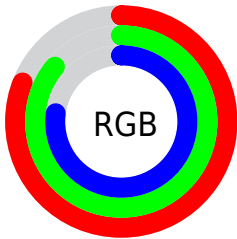
Format	Color
RYB	196, 220, 209
Decimal	13622468
CIELab	86.22, -8.68, 10.30
CIElCh	86, 13.470, 130.118
Yxy	68.4373, 0.3193, 0.3566
Android (android.graphics.Color)	4291812548 (0xFFCFDCC4)
YUV	213.3770, -8.5669, -5.5926
Hunter-Lab	82.7268, -12.5504, 13.3303

Details

The Yxy color **68.4373, 0.3193, 0.3566** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.2093, 0.3055, 0.3016**, and the grayscale version is **66.8604, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.8718, 0.3139, 0.3309**, and **35.6356, 0.3214, 0.3639** is the 20% darker color. If you saturate the color by 10%, you get **65.8527, 0.3252, 0.3842**, and if you desaturate by 10%, it is **71.3053, 0.3133, 0.3312**.

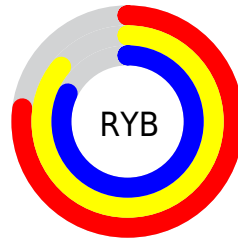
Distribution



Red (81%)

Green (86%)

Blue (77%)



Red (77%)

Yellow (86%)

Blue (82%)

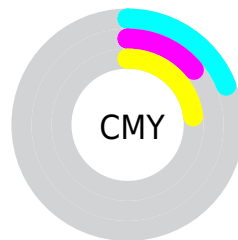


Cyan (6%)

Magenta (0%)

Yellow (11%)

Black (14%)



Cyan (19%)

Magenta (14%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 68.4373, 0.3193, 0.3566 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 68.4373, 0.3193, 0.3566 by changing the saturation by 10% instead.

■ 68.4373, 0.3193,
0.3566

■ 68.4373, 0.3193,
0.3566

455.0438, 0.3163,
0.3435

■ 50.2536, 0.3200,
0.3597

116.9775, 0.3183,
0.3520

■ 35.6149, 0.3208,
0.3636

148.1028, 0.3179,
0.3502

■ 24.1369, 0.3218,
0.3685

184.3107, 0.3175,
0.3487

■ 15.4352, 0.3231,
0.3752

225.9857, 0.3172,
0.3474

■ 9.1254, 0.3248,
0.3845

273.5121, 0.3170,
0.3462

■ 4.8231, 0.3271,
0.3984

327.2743, 0.3167,

■ 2.1438, 0.3302,

0.3452

0.4216

387.6568, 0.3165,
0.3443

0.6891, 0.3812,
0.5929

0.0000, 0.0000,
0.0000

68.4373, 0.3193,
0.3566

68.4373, 0.3193,
0.3566

65.8527, 0.3252,
0.3842

71.3053, 0.3133,
0.3312

63.5334, 0.3307,
0.4136


74.4567, 0.3073,
0.3082

61.4725, 0.3354,
0.4440

77.4435, 0.3059,
0.2941

59.6596, 0.3390,
0.4745


79.6402, 0.3142,
0.2950

 58.0833, 0.3410,
0.5035

 79.6761, 0.3143,
0.2950

 56.7312, 0.3411,
0.5295

 55.5894, 0.3390,
0.5508

 54.6419, 0.3350,
0.5665

 53.9271, 0.3301,
0.5761

Harmonies

Analogous

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



68.4373, 0.3345, 0.3576



68.4373, 0.3193, 0.3566



68.4373, 0.3027, 0.3476

Triad

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



68.4373, 0.3193, 0.3566



68.4373, 0.2824, 0.3066



68.4373, 0.3368, 0.3242

Complementary

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



68.4373, 0.3193, 0.3566



58.2093, 0.3055, 0.3016

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.



68.4373, 0.3223, 0.3115



68.4373, 0.3193, 0.3566



68.4373, 0.2910, 0.3013

Square

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



68.4373, 0.3193, 0.3566



68.4373, 0.2817, 0.3182



68.4373, 0.3055, 0.3031



68.4373, 0.3448, 0.3385

Rectangle

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



68.4373, 0.3193, 0.3566



68.4373, 0.2930, 0.3384



68.4373, 0.3055, 0.3031



68.4373, 0.3325, 0.3196

Sweetspot

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



68.4403, 0.3193, 0.3566



98.7366, 0.3145, 0.3364



64.7101, 0.3304, 0.3435



21.0627, 0.3150, 0.3384



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.



68.4403, 0.3193, 0.3566



94.7859, 0.3206, 0.3625



66.9529, 0.3109, 0.3563



14.8957, 0.3184, 0.3527



31.7078, 0.3312, 0.5753



2.1050, 0.3439, 0.5651

Inverse Universe

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



58.2093, 0.3055, 0.3016



77.8865, 0.3039, 0.2958



59.8217, 0.3146, 0.3031



12.9642, 0.3066, 0.3054



5.4277, 0.2116, 0.0939



0.4026, 0.2285, 0.1033

Previews

White Background



This preview shows how the Yxy color 68.4373, 0.3193, 0.3566 looks on a white background.

Color Contrast Check

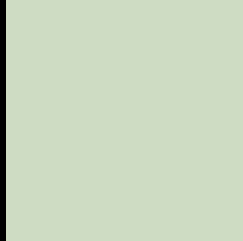
Large Text (above 18pt) WCAG AA × Fail

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 68.4373, 0.3193, 0.3566 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

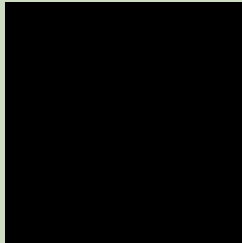
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

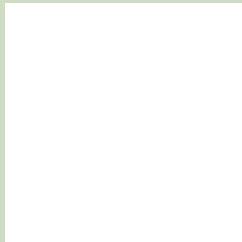
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 68.4373, 0.3193, 0.3566

Background



This preview shows how black text looks on a background with the Yxy color 68.4373, 0.3193, 0.3566.

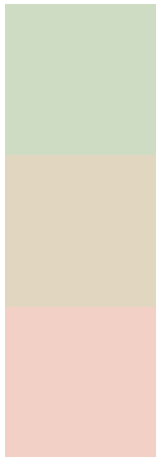


This preview shows how white text looks on a background with the Yxy color 68.4373, 0.3193, 0.3566.

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

68.4373, 0.3193, 0.3566

Protanopia

68.4587, 0.3355, 0.3535

Deuteranopia

68.2437, 0.3470, 0.3397



Tritanopia

68.4241, 0.2994, 0.3103

Trichromacy



Original Color

68.4373, 0.3193, 0.3566

Protanomaly

68.4262, 0.3292, 0.3549

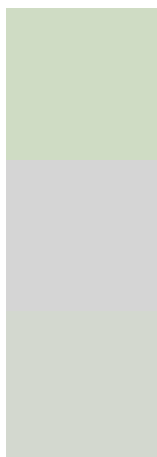
Deuteranomaly

67.9412, 0.3369, 0.3455

Tritanomaly

68.4418, 0.3064, 0.3267

Monochromacy



Original Color

68.4373, 0.3193, 0.3566

Achromatopsia

66.5387, 0.3127, 0.3290

Achromatomaly

67.4656, 0.3151, 0.3392

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.4373, 0.3193, 0.3566 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(207, 220, 196)` looks like.

```
.text, #text, p{  
    color:rgb(207, 220, 196)  
}
```

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(207, 220, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 220, 196) }
```

Border

The CSS property to change the border of an element to Yxy 68.4373, 0.3193, 0.3566 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(207, 220, 196) }
```

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

```
.border{ border-color:rgb(207, 220, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 220, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 220, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 220, 196);  
box-shadow:4px 4px 4px 4px rgb(207, 220,  
196) }
```


Background

The CSS property to change the background color of an element to Yxy 68.4373, 0.3193, 0.3566 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 220, 196) }
```

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

```
.background{ background-color: rgb(207,  
220, 196) }
```

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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