

Converting Colors

$Yxy(66.4189, 0.3239, 0.3776)$

Have a look what the booklet for
Yxy(66.4189, 0.3239, 0.3776)
contains.

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Color

Yxy(66.4468, 0.3241, 0.3777)

Conversions

Conversions Part 1

Format	Color
Hex	C6DCB3
RGB	198, 220, 179
RGB Percent	78%, 86%, 70%
CMY	0.2235, 0.1372, 0.2981
CMYK	0.10, 0.00, 0.19, 0.14
HSL	92°, 37%, 78%
HSV	92°, 19%, 86%
XYZ	57.0172, 66.4468, 52.4608
YIQ	208.7480, 0.0490, -17.4150

Conversions

Conversions Part 2

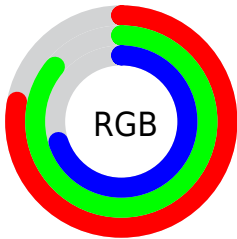
Format	Color
RYB	179, 220, 201
Decimal	13032627
CIELab	85.22, -14.62, 17.73
CIElCh	85, 22.983, 129.505
Yxy	66.4468, 0.3241, 0.3777
Android (android.graphics.Color)	4291222707 (0xFFC6DCB3)
YUV	208.7480, -14.6658, -9.4260
Hunter-Lab	81.5149, -17.7957, 18.9030

Details

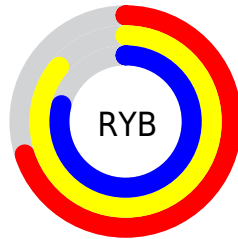
The Yxy color **66.4468, 0.3241, 0.3777** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **49.8197, 0.2993, 0.2807**, and the grayscale version is **63.6859, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.7782, 0.3244, 0.3483**, and **34.3459, 0.3267, 0.3906** is the 20% darker color. If you saturate the color by 10%, you get **64.0874, 0.3298, 0.4067**, and if you desaturate by 10%, it is **69.0790, 0.3180, 0.3506**.

Distribution



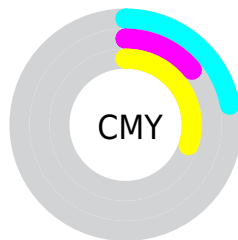
- Red (78%)
- Green (86%)
- Blue (70%)



- Red (70%)
- Yellow (86%)
- Blue (79%)



- Cyan (10%)
- Magenta (0%)
- Yellow (19%)
- Black (14%)





- Cyan (22%)
- Magenta (14%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 66.4468, 0.3241, 0.3777 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 66.4468, 0.3241, 0.3777 by changing the saturation by 10% instead.


 66.4468, 0.3241,
0.3777

 66.4468, 0.3241,
0.3777

447.9731, 0.3191,
0.3542

 48.6352, 0.3252,
0.3833

 114.1274, 0.3224,
0.3694

 34.3302, 0.3265,
0.3904


144.7651, 0.3217,
0.3662

 23.1474, 0.3280,
0.3995


180.4471, 0.3211,
0.3634

 14.7024, 0.3299,
0.4118

221.5576, 0.3206,
0.3611

 8.6108, 0.3322,
0.4292

268.4810, 0.3202,
0.3590

 4.4882, 0.3347,
0.4556

321.6018, 0.3198,

 1.9502, 0.3402,

0.3572

0.5055

381.3044, 0.3194,
0.3556

0.5783, 0.2500,
0.7500

0.0000, 0.0000,
0.0000

66.4468, 0.3241,
0.3777

66.4468, 0.3241,
0.3777

64.0874, 0.3298,
0.4067

69.0790, 0.3180,
0.3506

61.9825, 0.3349,
0.4369

71.9844, 0.3119,
0.3258

60.1250, 0.3389,
0.4674

75.1744, 0.3058,
0.3033

58.5037, 0.3414,
0.4967

77.8606, 0.3076,
0.2943

■ 57.1067, 0.3420,
0.5234

■ 79.6698, 0.3143,
0.2950

■ 55.9207, 0.3405,
0.5458

■ 54.9303, 0.3370,
0.5628

■ 54.1138, 0.3317,
0.5740

■ 54.0129, 0.3310,
0.5754

Harmonies

Analogous

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



66.4468, 0.3503, 0.3783



66.4468, 0.3241, 0.3777



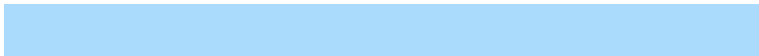
66.4468, 0.2957, 0.3621

Triad

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



66.4468, 0.3241, 0.3777



66.4468, 0.2611, 0.2905



66.4468, 0.3540, 0.3199

Complementary

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



66.4468, 0.3241, 0.3777



49.8197, 0.2993, 0.2807

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.



66.4468, 0.3283, 0.2990



66.4468, 0.3241, 0.3777



66.4468, 0.2751, 0.2820

Square

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



66.4468, 0.3241, 0.3777



66.4468, 0.2602, 0.3101



66.4468, 0.2994, 0.2853



66.4468, 0.3683, 0.3438

Rectangle

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



66.4468, 0.3241, 0.3777



66.4468, 0.2793, 0.3456



66.4468, 0.2994, 0.2853



66.4468, 0.3463, 0.3124

Sweetspot

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



66.4497, 0.3241, 0.3777



97.5297, 0.3164, 0.3439



60.1809, 0.3444, 0.3543



20.8197, 0.3168, 0.3456



0.0000, 0.0000, 0.0000



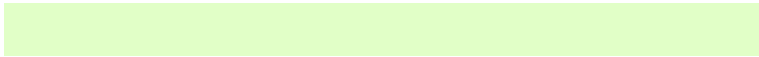
21.4041, 0.3127, 0.3290

Same Dimension

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



66.4497, 0.3241, 0.3777



91.6307, 0.3262, 0.3878



64.0818, 0.3095, 0.3780



14.9005, 0.3185, 0.3527



31.7624, 0.3321, 0.5745



2.1086, 0.3448, 0.5644

Inverse Universe

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



49.8197, 0.2993, 0.2807



64.6785, 0.2963, 0.2708



52.5474, 0.3159, 0.2844



12.9594, 0.3064, 0.3054



5.3613, 0.2101, 0.0931



0.3984, 0.2272, 0.1025

Previews

White Background



This preview shows how the Yxy color 66.4468, 0.3241, 0.3777 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 66.4468, 0.3241, 0.3777 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

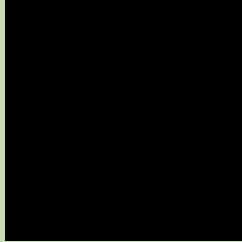
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

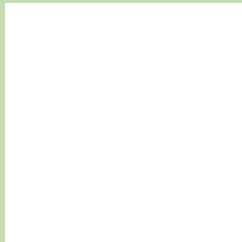
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 66.4468, 0.3241, 0.3777

Background



This preview shows how black text looks on a background with the Yxy color 66.4468, 0.3241, 0.3777.



This preview shows how white text looks on a background with the Yxy color 66.4468, 0.3241, 0.3777.

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

66.4468, 0.3241, 0.3777

Protanopia

66.1897, 0.3491, 0.3707

Deuteranopia

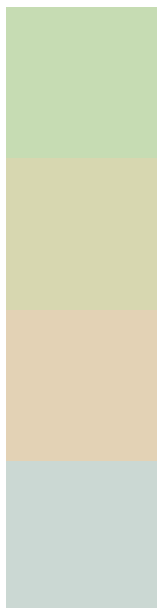
66.2731, 0.3607, 0.3538



Tritanopia

66.4235, 0.2965, 0.3100

Trichromacy



Original Color

66.4468, 0.3241, 0.3777

Protanomaly

66.1825, 0.3399, 0.3739

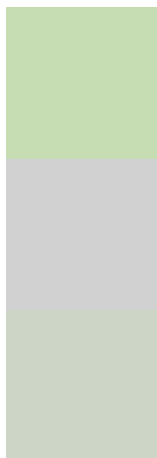
Deuteranomaly

65.7603, 0.3467, 0.3615

Tritanomaly

66.5114, 0.3067, 0.3347

Monochromacy



Original Color

66.4468, 0.3241, 0.3777

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

64.6449, 0.3171, 0.3464

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.4468, 0.3241, 0.3777 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(198, 220, 179)` looks like.

```
.text, #text, p{  
    color:rgb(198, 220, 179)  
}
```

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(198, 220, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 220, 179) }
```

Border

The CSS property to change the border of an element to Yxy 66.4468, 0.3241, 0.3777 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(198, 220, 179) }
```

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

```
.border{ border-color:rgb(198, 220, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 220, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 220, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 220, 179);  
box-shadow:4px 4px 4px 4px rgb(198, 220,  
179) }
```


Background

The CSS property to change the background color of an element to Yxy 66.4468, 0.3241, 0.3777 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 220, 179) }
```

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

```
.background{ background-color: rgb(198,  
220, 179) }
```

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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