

Converting Colors

Yxy(66.7413, 0.3184, 0.3743)

Have a look what the booklet for
Yxy(66.7413, 0.3184, 0.3743)
contains.

Yxy(66.6011, 0.3184, 0.3743)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(66.6011, 0.3184, 0.3743)

Conversions

Conversions Part 1

Format	Color
Hex	C2DDB7
RGB	194, 221, 183
RGB Percent	76%, 87%, 72%
CMY	0.2392, 0.1333, 0.2823
CMYK	0.12, 0.00, 0.17, 0.13
HSL	103°, 36%, 79%
HSV	103°, 17%, 87%
XYZ	56.6545, 66.6011, 54.6794
YIQ	208.5950, -3.8940, -17.5420

Conversions

Conversions Part 2

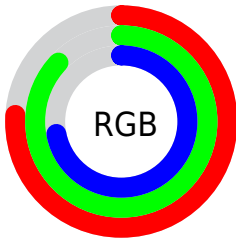
Format	Color
RYB	183, 221, 210
Decimal	12770743
CIELab	85.30, -15.85, 15.69
CIElCh	85, 22.304, 135.302
Yxy	66.6011, 0.3184, 0.3743
Android (android.graphics.Color)	4290960823 (0xFFC2DDB7)
YUV	208.5950, -12.6183, -12.7998
Hunter-Lab	81.6095, -18.8993, 17.4016

Details

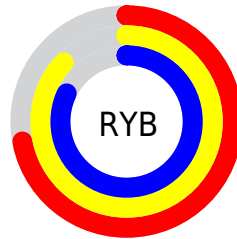
The Yxy color **66.6011, 0.3184, 0.3743** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **52.8001, 0.3058, 0.2854**, and the grayscale version is **63.5715, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.2612, 0.3195, 0.3445**, and **34.4596, 0.3193, 0.3863** is the 20% darker color. If you saturate the color by 10%, you get **63.7848, 0.3213, 0.4042**, and if you desaturate by 10%, it is **69.7874, 0.3151, 0.3470**.

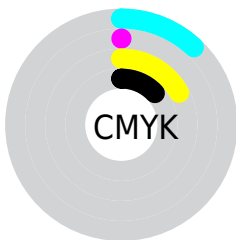
Distribution



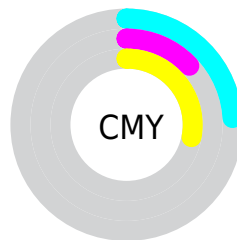
- Red (76%)
- Green (87%)
- Blue (72%)



- Red (72%)
- Yellow (87%)
- Blue (82%)



- Cyan (12%)
- Magenta (0%)
- Yellow (17%)
- Black (13%)





- Cyan (24%)
- Magenta (13%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 66.6011, 0.3184, 0.3743 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 66.6011, 0.3184, 0.3743 by changing the saturation by 10% instead.


 66.6011, 0.3184,
0.3743

 66.6011, 0.3184,
0.3743

448.5236, 0.3160,
0.3524

 48.7605, 0.3189,
0.3795

 114.3486, 0.3176,
0.3665

 34.4296, 0.3194,
0.3861


145.0244, 0.3173,
0.3636

 23.2238, 0.3200,
0.3947


180.7473, 0.3170,
0.3610

 14.7588, 0.3207,
0.4062

221.9018, 0.3168,
0.3588

 8.6503, 0.3213,
0.4226

268.8723, 0.3166,
0.3569

 4.5138, 0.3215,
0.4475

322.0432, 0.3164,

 1.9649, 0.3212,

0.3552

0.4917

381.7988, 0.3162,
0.3538

0.5870, 0.2255,
0.7745

0.0000, 0.0000,
0.0000

66.6011, 0.3184,
0.3743

66.6011, 0.3184,
0.3743

63.7848, 0.3213,
0.4042

69.7874, 0.3151,
0.3470

61.3163, 0.3237,
0.4360

73.3477, 0.3118,
0.3224

59.1840, 0.3253,
0.4688

77.2972, 0.3084,
0.3005

57.3726, 0.3257,
0.5010

80.1939, 0.3143,
0.2960

■ 55.8653, 0.3247,
0.5308

■ 54.6436, 0.3223,
0.5561

■ 53.6866, 0.3186,
0.5752

■ 52.9690, 0.3138,
0.5874

■ 52.8014, 0.3125,
0.5901

Harmonies

Analogous

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



66.6011, 0.3448, 0.3778



66.6011, 0.3184, 0.3743



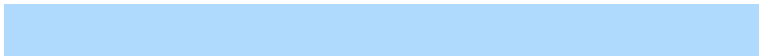
66.6011, 0.2913, 0.3568

Triad

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



66.6011, 0.3184, 0.3743



66.6011, 0.2643, 0.2892



66.6011, 0.3564, 0.3246

Complementary

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



66.6011, 0.3184, 0.3743



52.8001, 0.3058, 0.2854

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.



66.6011, 0.3332, 0.3033



66.6011, 0.3184, 0.3743



66.6011, 0.2801, 0.2831

Square

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



66.6011, 0.3184, 0.3743



66.6011, 0.2609, 0.3063



66.6011, 0.3051, 0.2884



66.6011, 0.3675, 0.3478

Rectangle

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



66.6011, 0.3184, 0.3743



66.6011, 0.2764, 0.3401



66.6011, 0.3051, 0.2884



66.6011, 0.3497, 0.3171

Sweetspot

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



66.6040, 0.3184, 0.3743



97.5274, 0.3144, 0.3414



64.6919, 0.3405, 0.3592



20.8028, 0.3147, 0.3433



0.0000, 0.0000, 0.0000



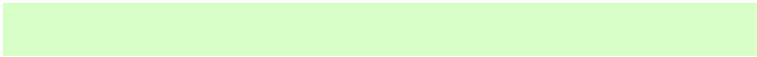
21.4041, 0.3127, 0.3290

Same Dimension

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



66.6040, 0.3184, 0.3743



90.5007, 0.3196, 0.3859



65.5285, 0.3057, 0.3659



14.7877, 0.3159, 0.3529



30.7229, 0.3135, 0.5893



2.0339, 0.3258, 0.5796

Inverse Universe

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



52.8001, 0.3058, 0.2854



67.6431, 0.3039, 0.2748



54.0728, 0.3206, 0.2948



13.0759, 0.3092, 0.3056



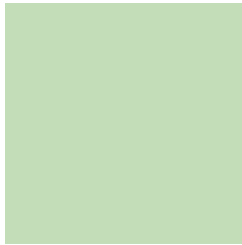
7.2616, 0.2492, 0.1146



0.5136, 0.2612, 0.1213

Previews

White Background



This preview shows how the Yxy color 66.6011, 0.3184, 0.3743 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 66.6011, 0.3184, 0.3743 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

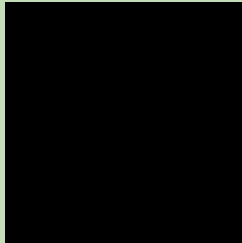
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

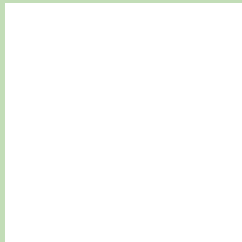
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 66.6011, 0.3184, 0.3743

Background



This preview shows how black text looks on a background with the Yxy color 66.6011, 0.3184, 0.3743.

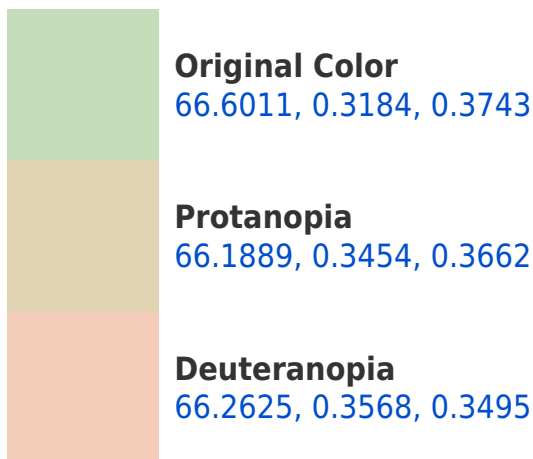


This preview shows how white text looks on a background with the Yxy color 66.6011, 0.3184, 0.3743.

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

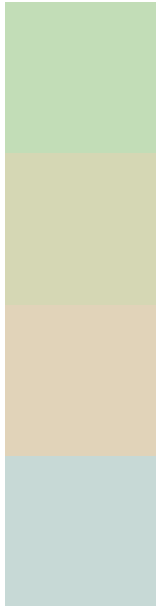




Tritanopia

66.4192, 0.2931, 0.3099

Trichromacy



Original Color

66.6011, 0.3184, 0.3743

Protanomaly

66.0423, 0.3355, 0.3694

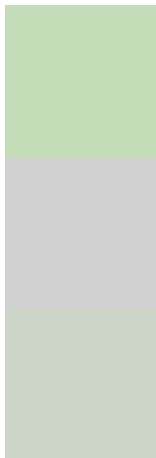
Deuteranomaly

66.0989, 0.3420, 0.3582

Tritanomaly

66.6229, 0.3019, 0.3324

Monochromacy



Original Color

66.6011, 0.3184, 0.3743

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

64.5960, 0.3150, 0.3441

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.6011, 0.3184, 0.3743 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(194, 221, 183)` looks like.

```
.text, #text, p{  
    color:rgb(194, 221, 183)  
}
```

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(194, 221, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 221, 183) }
```

Border

The CSS property to change the border of an element to Yxy 66.6011, 0.3184, 0.3743 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(194, 221, 183) }
```

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

```
.border{ border-color:rgb(194, 221, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 221, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 221, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 221, 183);  
box-shadow:4px 4px 4px 4px rgb(194, 221,  
183) }
```


Background

The CSS property to change the background color of an element to Yxy 66.6011, 0.3184, 0.3743 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 221, 183) }
```

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

```
.background{ background-color: rgb(194,  
221, 183) }
```

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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