

Converting Colors

$Yxy(66.3522, 0.3250, 0.3754)$

Have a look what the booklet for
Yxy(66.3522, 0.3250, 0.3754)
contains.

Yxy(66.2377, 0.3250, 0.3751)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(66.2377, 0.3250, 0.3751)

Conversions

Conversions Part 1

Format	Color
Hex	C8DBB4
RGB	200, 219, 180
RGB Percent	78%, 86%, 71%
CMY	0.2157, 0.1412, 0.2940
CMYK	0.09, 0.00, 0.18, 0.14
HSL	89°, 35%, 78%
HSV	89°, 18%, 86%
XYZ	57.3907, 66.2377, 52.9584
YIQ	208.8730, 1.1950, -16.1570

Conversions

Conversions Part 2

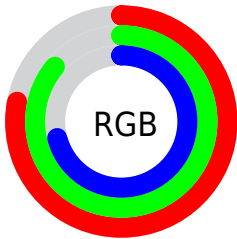
Format	Color
RYB	180, 219, 199
Decimal	13163444
CIELab	85.12, -13.24, 17.06
CIELCh	85, 21.593, 127.829
Yxy	66.2377, 0.3250, 0.3751
Android (android.graphics.Color)	4291353524 (0xFFC8DBB4)
YUV	208.8730, -14.2344, -7.7816
Hunter-Lab	81.3865, -16.5550, 18.3905

Details

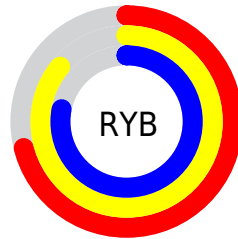
The Yxy color **66.2377, 0.3250, 0.3751** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **49.9198, 0.2985, 0.2829**, and the grayscale version is **63.7698, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.8361, 0.3238, 0.3473**, and **34.1942, 0.3280, 0.3872** is the 20% darker color. If you saturate the color by 10%, you get **63.9972, 0.3316, 0.4036**, and if you desaturate by 10%, it is **68.7278, 0.3181, 0.3484**.

Distribution



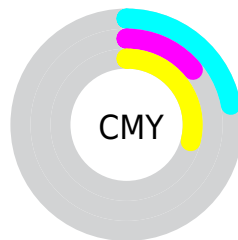
- Red (78%)
- Green (86%)
- Blue (71%)



- Red (71%)
- Yellow (86%)
- Blue (78%)



- Cyan (9%)
- Magenta (0%)
- Yellow (18%)
- Black (14%)



- Cyan (22%)
- Magenta (14%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 66.2377, 0.3250, 0.3751 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 66.2377, 0.3250, 0.3751 by changing the saturation by 10% instead.


 66.2377, 0.3250,
0.3751

 66.2377, 0.3250,
0.3751

447.2265, 0.3195,
0.3529

 48.4654, 0.3262,
0.3804


 113.8274, 0.3231,
0.3672

 34.1956, 0.3276,
0.3871


144.4136, 0.3224,
0.3642

 23.0439, 0.3294,
0.3957

180.0399, 0.3218,
0.3616

 14.6259, 0.3316,
0.4073

221.0907, 0.3212,
0.3594

 8.5573, 0.3344,
0.4237

267.9503, 0.3207,
0.3575

 4.4536, 0.3377,
0.4485

321.0033, 0.3202,

 1.9304, 0.3441,

0.3558

0.4945

380.6339, 0.3199,
0.3542

0.5665, 0.2753,
0.7247

0.0000, 0.0000,
0.0000

66.2377, 0.3250,
0.3751

66.2377, 0.3250,
0.3751

63.9972, 0.3316,
0.4036

68.7278, 0.3181,
0.3484

61.9889, 0.3375,
0.4332


71.4671, 0.3112,
0.3238

60.2065, 0.3424,
0.4630


74.4661, 0.3044,
0.3014

58.6400, 0.3458,
0.4917


76.8915, 0.3059,
0.2931

 57.2783, 0.3473,
0.5179

 78.8451, 0.3133,
0.2939

 56.1093, 0.3466,
0.5399

 79.1452, 0.3144,
0.2940

 55.1190, 0.3436,
0.5567

 54.2887, 0.3387,
0.5681

 54.1212, 0.3375,
0.5702

Harmonies

Analogous

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



66.2377, 0.3493, 0.3750



66.2377, 0.3250, 0.3751



66.2377, 0.2982, 0.3612

Triad

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



66.2377, 0.3250, 0.3751



66.2377, 0.2637, 0.2936



66.2377, 0.3504, 0.3193

Complementary

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



66.2377, 0.3250, 0.3751



49.9198, 0.2985, 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.



66.2377, 0.3259, 0.2997



66.2377, 0.3250, 0.3751



66.2377, 0.2763, 0.2848

Square

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



66.2377, 0.3250, 0.3751



66.2377, 0.2635, 0.3125



66.2377, 0.2987, 0.2873



66.2377, 0.3645, 0.3418

Rectangle

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



66.2377, 0.3250, 0.3751



66.2377, 0.2824, 0.3460



66.2377, 0.2987, 0.2873



66.2377, 0.3430, 0.3122

Sweetspot

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



66.2406, 0.3250, 0.3751



98.0452, 0.3162, 0.3414



59.1447, 0.3432, 0.3509



20.9285, 0.3167, 0.3432



0.0000, 0.0000, 0.0000



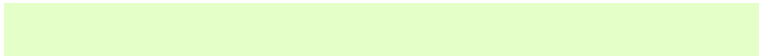
21.4041, 0.3127, 0.3290

Same Dimension

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



66.2406, 0.3250, 0.3751



92.3962, 0.3273, 0.3846



63.7477, 0.3109, 0.3771



14.9324, 0.3193, 0.3526



32.1554, 0.3386, 0.5694



2.1344, 0.3509, 0.5596

Inverse Universe

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



49.9198, 0.2985, 0.2829



65.6275, 0.2953, 0.2734



52.7317, 0.3142, 0.2850



12.9274, 0.3057, 0.3054



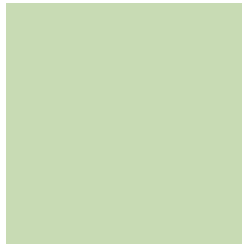
4.9446, 0.2004, 0.0878



0.3715, 0.2183, 0.0976

Previews

White Background



This preview shows how the Yxy color 66.2377, 0.3250, 0.3751 looks on a white background.

Color Contrast Check

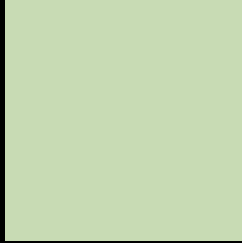
Large Text (above 18pt) WCAG AA × Fail

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 66.2377, 0.3250, 0.3751 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

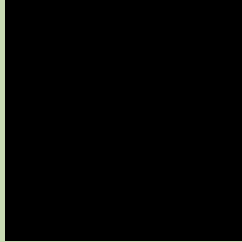
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

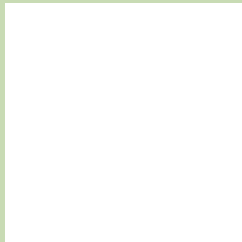
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 66.2377, 0.3250, 0.3751

Background



This preview shows how black text looks on a background with the Yxy color 66.2377, 0.3250, 0.3751.

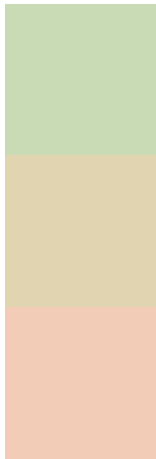


This preview shows how white text looks on a background with the Yxy color 66.2377, 0.3250, 0.3751.

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

66.2377, 0.3250, 0.3751

Protanopia

66.1086, 0.3468, 0.3685

Deuteranopia

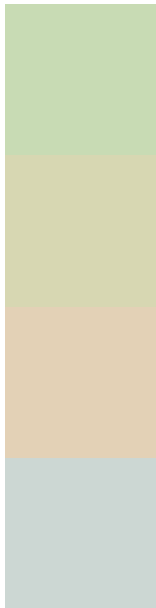
65.6593, 0.3594, 0.3517



Tritanopia

66.0095, 0.2978, 0.3100

Trichromacy



Original Color

66.2377, 0.3250, 0.3751

Protanomaly

66.2623, 0.3384, 0.3715

Deuteranomaly

65.3092, 0.3462, 0.3593

Tritanomaly

66.1414, 0.3074, 0.3336

Monochromacy



Original Color

66.2377, 0.3250, 0.3751

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

64.7875, 0.3178, 0.3464

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.2377, 0.3250, 0.3751 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(200, 219, 180)` looks like.

```
.text, #text, p{  
    color:rgb(200, 219, 180)  
}
```

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(200, 219, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 219, 180) }
```

Border

The CSS property to change the border of an element to Yxy 66.2377, 0.3250, 0.3751 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(200, 219, 180) }
```

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

```
.border{ border-color:rgb(200, 219, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 219, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(200, 219, 180); -webkit-box-shadow:4px 4px 4px 4px rgb(200, 219, 180); box-shadow:4px 4px 4px 4px rgb(200, 219, 180) }
```


Background

The CSS property to change the background color of an element to Yxy 66.2377, 0.3250, 0.3751 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 219, 180) }
```

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

```
.background{ background-color: rgb(200,  
219, 180) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor