

Converting Colors

$Yxy(66.8662, 0.3207, 0.3635)$

Have a look what the booklet for
Yxy(66.8662, 0.3207, 0.3635)
contains.

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Color

Yxy(67.0337, 0.3212, 0.3640)

Conversions

Conversions Part 1

Format	Color
Hex	CBDBBD
RGB	203, 219, 189
RGB Percent	80%, 86%, 74%
CMY	0.2038, 0.1412, 0.2588
CMYK	0.07, 0.00, 0.14, 0.14
HSL	92°, 29%, 80%
HSV	92°, 14%, 86%
XYZ	59.1517, 67.0337, 57.9731
YIQ	210.7960, 0.0940, -12.7220

Conversions

Conversions Part 2

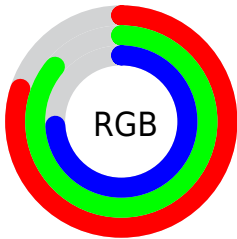
Format	Color
R _{YB}	189, 219, 205
Decimal	13360061
CIE _{Lab}	85.52, -10.70, 12.94
CIE _{LCh}	86, 16.789, 129.606
Yxy	67.0337, 0.3212, 0.3640
Android (android.graphics.Color)	4291550141 (0xFFCDBDBD)
YUV	210.7960, -10.7454, -6.8371
Hunter-Lab	81.8741, -14.3185, 15.3300

Details

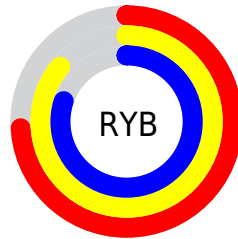
The Yxy color **67.0337, 0.3212, 0.3640** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **54.4934, 0.3032, 0.2942**, and the grayscale version is **65.0766, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.3726, 0.3185, 0.3386**, and **34.7181, 0.3230, 0.3724** is the 20% darker color. If you saturate the color by 10%, you get **64.5791, 0.3272, 0.3921**, and if you desaturate by 10%, it is **69.7610, 0.3150, 0.3380**.

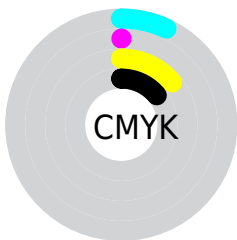
Distribution



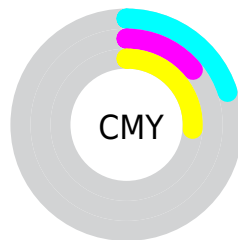
- Red (80%)
- Green (86%)
- Blue (74%)



- Red (74%)
- Yellow (86%)
- Blue (80%)



- Cyan (7%)
- Magenta (0%)
- Yellow (14%)
- Black (14%)





- Cyan (20%)
- Magenta (14%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 67.0337, 0.3212, 0.3640 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 67.0337, 0.3212, 0.3640 by changing the saturation by 10% instead.

 67.0337, 0.3212,
0.3640

 67.0337, 0.3212,
0.3640

450.0647, 0.3174,
0.3472

 49.1120, 0.3220,
0.3680


 114.9687, 0.3199,
0.3581

 34.7083, 0.3231,
0.3730


145.7508, 0.3194,
0.3558

 23.4383, 0.3243,
0.3794

181.5885, 0.3189,
0.3539

 14.9175, 0.3259,
0.3880

222.8662, 0.3185,
0.3522

 8.7615, 0.3280,
0.4002

269.9683, 0.3182,
0.3507

 4.5859, 0.3307,
0.4186

323.2791, 0.3179,

 2.0064, 0.3340,

0.3494

0.4495

383.1831, 0.3176,
0.3483

0.6112, 0.3434,
0.6566

0.0000, 0.0000,
0.0000

67.0337, 0.3212,
0.3640

67.0337, 0.3212,
0.3640

64.5791, 0.3272,
0.3921

69.7610, 0.3150,
0.3380

62.3793, 0.3327,
0.4217

72.7609, 0.3088,
0.3143

60.4276, 0.3373,
0.4522

76.0445, 0.3028,
0.2930

58.7136, 0.3407,
0.4822

78.1483, 0.3107,
0.2936

■ 57.2259, 0.3423,
0.5104

■ 79.1416, 0.3144,
0.2940

■ 55.9523, 0.3420,
0.5350

■ 54.8787, 0.3394,
0.5547

■ 53.9886, 0.3350,
0.5686

■ 53.5062, 0.3315,
0.5750

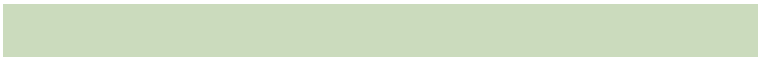
Harmonies

Analogous

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



67.0337, 0.3402, 0.3649



67.0337, 0.3212, 0.3640



67.0337, 0.3004, 0.3528

Triad

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



67.0337, 0.3212, 0.3640



67.0337, 0.2747, 0.3010



67.0337, 0.3427, 0.3226

Complementary

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



67.0337, 0.3212, 0.3640



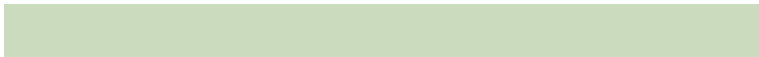
54.4934, 0.3032, 0.2942

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.



67.0337, 0.3243, 0.3069



67.0337, 0.3212, 0.3640



67.0337, 0.2852, 0.2944

Square

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



67.0337, 0.3212, 0.3640



67.0337, 0.2740, 0.3155



67.0337, 0.3032, 0.2967



67.0337, 0.3530, 0.3403

Rectangle

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



67.0337, 0.3212, 0.3640



67.0337, 0.2883, 0.3411



67.0337, 0.3032, 0.2967



67.0337, 0.3373, 0.3169

Sweetspot

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



67.0366, 0.3212, 0.3640



98.3444, 0.3152, 0.3389



62.1611, 0.3353, 0.3468



20.9846, 0.3157, 0.3408



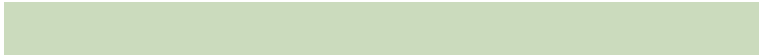
0.0000, 0.0000, 0.0000



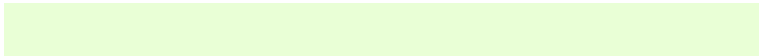
21.4041, 0.3127, 0.3290

Same Dimension

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



67.0366, 0.3212, 0.3640



93.7537, 0.3227, 0.3707



65.1790, 0.3107, 0.3645



14.9030, 0.3186, 0.3527



31.7915, 0.3326, 0.5741



2.1106, 0.3453, 0.5640

Inverse Universe

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



54.4934, 0.3032, 0.2942



73.2360, 0.3013, 0.2876



56.5495, 0.3147, 0.2959



12.9569, 0.3064, 0.3054



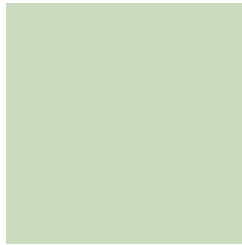
5.3270, 0.2093, 0.0927



0.3962, 0.2265, 0.1021

Previews

White Background



This preview shows how the Yxy color 67.0337, 0.3212, 0.3640 looks on a white background.

Color Contrast Check

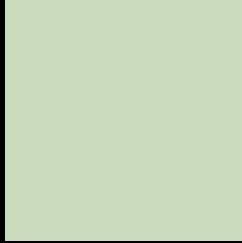
Large Text (above 18pt) WCAG AA × Fail

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 67.0337, 0.3212, 0.3640 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

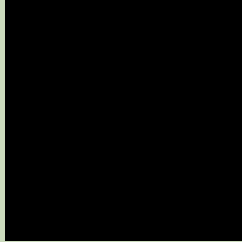
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

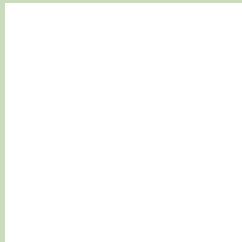
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 67.0337, 0.3212, 0.3640

Background



This preview shows how black text looks on a background with the Yxy color 67.0337, 0.3212, 0.3640.

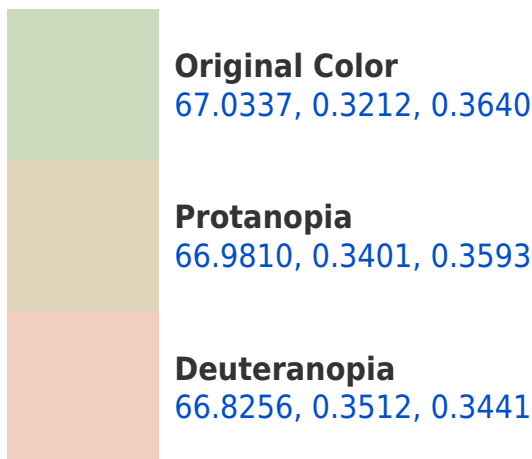


This preview shows how white text looks on a background with the Yxy color 67.0337, 0.3212, 0.3640.

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

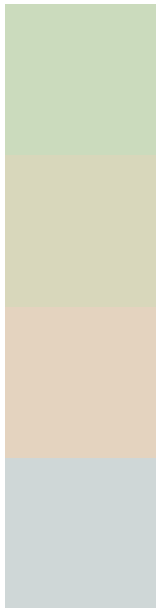




Tritanopia

66.8570, 0.2986, 0.3101

Trichromacy



Original Color

67.0337, 0.3212, 0.3640

Protanomaly

66.7877, 0.3328, 0.3609

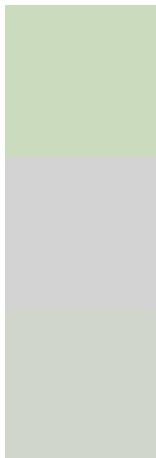
Deuteranomaly

66.8441, 0.3399, 0.3512

Tritanomaly

66.7726, 0.3069, 0.3290

Monochromacy



Original Color

67.0337, 0.3212, 0.3640

Achromatopsia

65.1406, 0.3127, 0.3290

Achromatomaly

65.8148, 0.3158, 0.3416

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.0337, 0.3212, 0.3640 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(203, 219, 189)` looks like.

```
.text, #text, p{  
    color:rgb(203, 219, 189)  
}
```

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(203, 219, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 219, 189) }
```

Border

The CSS property to change the border of an element to Yxy 67.0337, 0.3212, 0.3640 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(203, 219, 189) }
```

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

```
.border{ border-color:rgb(203, 219, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 219, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(203, 219, 189); -webkit-box-shadow:4px 4px 4px 4px rgb(203, 219, 189); box-shadow:4px 4px 4px 4px rgb(203, 219, 189) }
```


Background

The CSS property to change the background color of an element to Yxy 67.0337, 0.3212, 0.3640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 219, 189) }
```

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

```
.background{ background-color: rgb(203,  
219, 189) }
```

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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