

Converting Colors

$Yxy(64.6318, 0.3112, 0.3614)$

Have a look what the booklet for
Yxy(64.6318, 0.3112, 0.3614)
contains.

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Color

Yxy(64.4637, 0.3113, 0.3602)

Conversions

Conversions Part 1

Format	Color
Hex	BFD9BF
RGB	191, 217, 191
RGB Percent	75%, 85%, 75%
CMY	0.2508, 0.1491, 0.2510
CMYK	0.12, 0.00, 0.12, 0.15
HSL	120°, 25%, 80%
HSV	120°, 12%, 85%
XYZ	55.7122, 64.4637, 58.7905
YIQ	206.2620, -7.1500, -13.5980

Conversions

Conversions Part 2

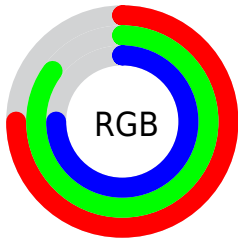
Format	Color
RYB	191, 217, 217
Decimal	12573119
CIELab	84.21, -13.48, 9.91
CIELCh	84, 16.729, 143.671
Yxy	64.4637, 0.3113, 0.3602
Android (android.graphics.Color)	4290763199 (0xFFBFD9BF)
YUV	206.2620, -7.5242, -13.3848
Hunter-Lab	80.2893, -16.6462, 12.7884

Details

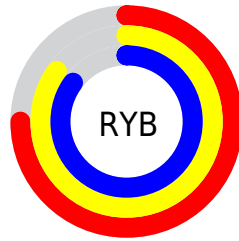
The Yxy color **64.4637, 0.3113, 0.3602** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **57.0073, 0.3140, 0.2996**, and the grayscale version is **61.9575, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.0096, 0.3124, 0.3368**, and **32.9940, 0.3100, 0.3676** is the 20% darker color. If you saturate the color by 10%, you get **60.9778, 0.3099, 0.3901**, and if you desaturate by 10%, it is **68.5113, 0.3125, 0.3338**.

Distribution



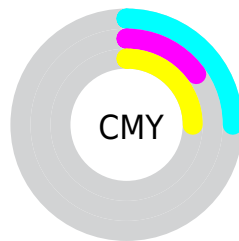
- Red (75%)
- Green (85%)
- Blue (75%)



- Red (75%)
- Yellow (85%)
- Blue (85%)



- Cyan (12%)
- Magenta (0%)
- Yellow (12%)
- Black (15%)




- Cyan (25%)
- Magenta (15%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 64.4637, 0.3113, 0.3602 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 64.4637, 0.3113, 0.3602 by changing the saturation by 10% instead.


 64.4637, 0.3113,
0.3602

 64.4637, 0.3113,
0.3602


440.8622, 0.3121,
0.3451

 47.0263, 0.3111,
0.3638


 111.2785, 0.3116,
0.3548

 33.0565, 0.3107,
0.3684


141.4247, 0.3117,
0.3528

 22.1697, 0.3103,
0.3743


176.5760, 0.3118,
0.3510

 13.9817, 0.3096,
0.3823

217.1167, 0.3119,
0.3495

 8.1079, 0.3086,
0.3937

263.4313, 0.3120,
0.3482

 4.1641, 0.3067,
0.4114


315.9042, 0.3120,

 1.7658, 0.3026,


0.3471


0.4419

374.9197, 0.3121,
0.3460


 0.4657, 0.1961,
0.8039


 0.0000, 0.0000,
0.0000


 64.4637, 0.3113,
0.3602


 64.4637, 0.3113,
0.3602


 60.9778, 0.3099,
0.3901


 68.5113, 0.3125,
0.3338

 58.0211, 0.3084,
0.4231

 73.1352, 0.3135,
0.3109

 55.5703, 0.3068,
0.4584

 78.1014, 0.3145,
0.2920

 53.5969, 0.3051,
0.4943

■ 52.0699, 0.3035,
0.5285

■ 50.9545, 0.3021,
0.5581

■ 50.2107, 0.3010,
0.5805

■ 49.7909, 0.3003,
0.5943

■ 49.6250, 0.3000,
0.6000

Harmonies

Analogous

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



64.4637, 0.3321, 0.3662



64.4637, 0.3113, 0.3602



64.4637, 0.2914, 0.3449

Triad

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



64.4637, 0.3113, 0.3602



64.4637, 0.2782, 0.2965



64.4637, 0.3492, 0.3309

Complementary

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



64.4637, 0.3113, 0.3602



57.0073, 0.3140, 0.2996

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.



64.4637, 0.3339, 0.3136



64.4637, 0.3113, 0.3602



64.4637, 0.2928, 0.2941

Square

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



64.4637, 0.3113, 0.3602



64.4637, 0.2727, 0.3076



64.4637, 0.3130, 0.3004



64.4637, 0.3544, 0.3483

Rectangle

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



64.4637, 0.3113, 0.3602



64.4637, 0.2812, 0.3320



64.4637, 0.3130, 0.3004



64.4637, 0.3450, 0.3249

Sweetspot

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



64.4665, 0.3113, 0.3602



97.4816, 0.3123, 0.3390



67.9100, 0.3306, 0.3580



20.7669, 0.3122, 0.3409



0.0000, 0.0000, 0.0000



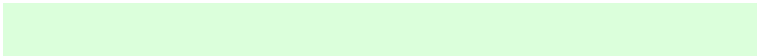
21.4041, 0.3127, 0.3290

Same Dimension

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



64.4665, 0.3113, 0.3602



91.7711, 0.3110, 0.3663



65.0351, 0.3030, 0.3449



14.6078, 0.3116, 0.3532



30.0436, 0.3001, 0.6000



1.9469, 0.3002, 0.5998

Inverse Universe

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



57.0073, 0.3140, 0.2996



79.2824, 0.3143, 0.2943



56.3882, 0.3237, 0.3136



13.2731, 0.3138, 0.3060



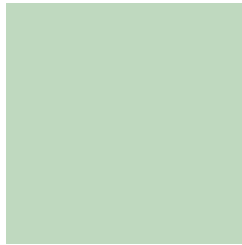
11.9120, 0.3203, 0.1538



0.7723, 0.3204, 0.1539

Previews

White Background



This preview shows how the Yxy color 64.4637, 0.3113, 0.3602 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 64.4637, 0.3113, 0.3602 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

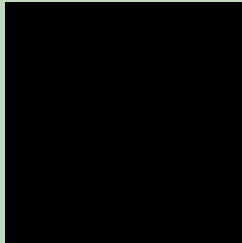
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

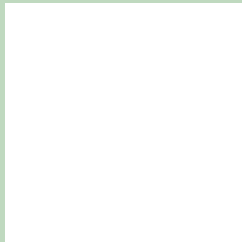
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 64.4637, 0.3113, 0.3602

Background



This preview shows how black text looks on a background with the Yxy color 64.4637, 0.3113, 0.3602.

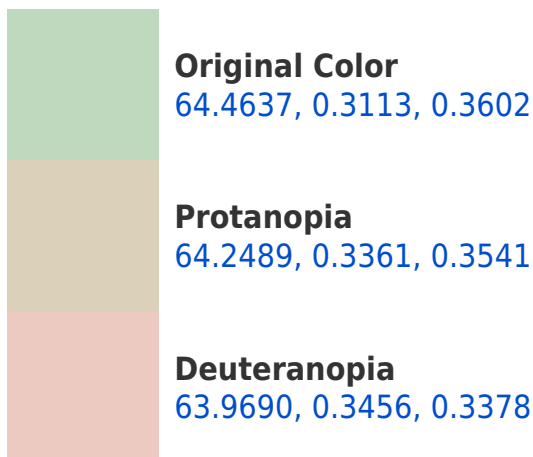


This preview shows how white text looks on a background with the Yxy color 64.4637, 0.3113, 0.3602.

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

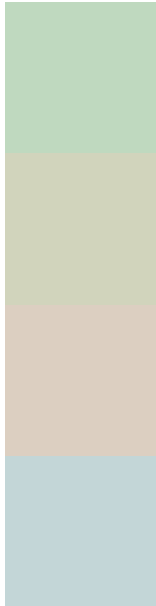




Tritanopia

64.5587, 0.2915, 0.3107

Trichromacy



Original Color

64.4637, 0.3113, 0.3602

Protanomaly

64.2731, 0.3272, 0.3569

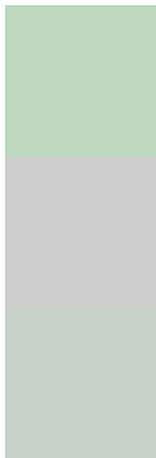
Deuteranomaly

63.6915, 0.3328, 0.3449

Tritanomaly

64.6015, 0.2984, 0.3278

Monochromacy



Original Color

64.4637, 0.3113, 0.3602

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

62.7277, 0.3122, 0.3396

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.4637, 0.3113, 0.3602 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(191, 217, 191)` looks like.

```
.text, #text, p{  
    color:rgb(191, 217, 191)  
}
```

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(191, 217, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 217, 191) }
```

Border

The CSS property to change the border of an element to Yxy 64.4637, 0.3113, 0.3602 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(191, 217, 191) }
```

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

```
.border{ border-color:rgb(191, 217, 191) }
```

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

Here you see how a box with a 4 pixel rgb(191, 217, 191) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 217, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 217, 191);  
box-shadow:4px 4px 4px 4px rgb(191, 217,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 64.4637, 0.3113, 0.3602 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 217, 191) }
```

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

```
.background{ background-color: rgb(191,  
217, 191) }
```

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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