

Converting Colors

$Yxy(62.6891, 0.3045, 0.3495)$

Have a look what the booklet for
Yxy(62.6891, 0.3045, 0.3495)
contains.

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Color

Yxy(62.6891, 0.3045, 0.3495)

Conversions

Conversions Part 1

Format	Color
Hex	BBD6C5
RGB	187, 214, 197
RGB Percent	73%, 84%, 77%
CMY	0.2667, 0.1608, 0.2273
CMYK	0.13, 0.00, 0.08, 0.16
HSL	142°, 25%, 79%
HSV	142°, 13%, 84%
XYZ	54.6175, 62.6891, 62.0613
YIQ	203.9890, -10.6350, -11.0110

Conversions

Conversions Part 2

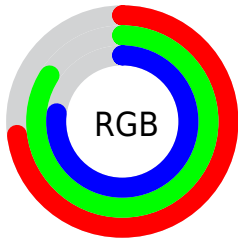
Format	Color
RYB	187, 207, 214
Decimal	12310213
CIELab	83.28, -12.24, 5.34
CIELCh	83, 13.353, 156.404
Yxy	62.6891, 0.3045, 0.3495
Android (android.graphics.Color)	4290500293 (0xFFBBD6C5)
YUV	203.9890, -3.4456, -14.8994
Hunter-Lab	79.1764, -15.4258, 8.9499

Details

The Yxy color **62.6891, 0.3045, 0.3495** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **54.1890, 0.3219, 0.3093**, and the grayscale version is **60.4042, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.7304, 0.3059, 0.3300**, and **31.8478, 0.3030, 0.3549** is the 20% darker color. If you saturate the color by 10%, you get **59.6017, 0.2982, 0.3680**, and if you desaturate by 10%, it is **66.2390, 0.3110, 0.3330**.

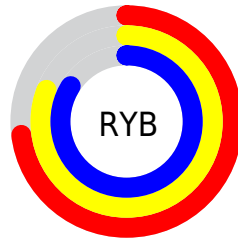
Distribution



Red (73%)

Green (84%)

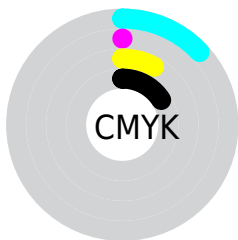
Blue (77%)



Red (73%)

Yellow (81%)

Blue (84%)

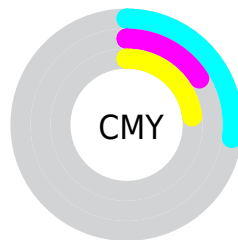


Cyan (13%)

Magenta (0%)

Yellow (8%)

Black (16%)



Cyan (27%)


Magenta (16%)


Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.6891, 0.3045, 0.3495 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 62.6891, 0.3045, 0.3495 by changing the saturation by 10% instead.

 62.6891, 0.3045,
0.3495

 62.6891, 0.3045,
0.3495


434.4403, 0.3085,
0.3396

 45.5897, 0.3035,
0.3519

 108.7209, 0.3059,
0.3460

 31.9222, 0.3023,
0.3549

138.4220, 0.3065,
0.3446

 21.3021, 0.3008,
0.3587


173.0926, 0.3069,
0.3435

 13.3450, 0.2986,
0.3640


213.1170, 0.3073,
0.3425

 7.6665, 0.2956,
0.3715

258.8795, 0.3077,
0.3416

 3.8823, 0.2908,
0.3832


310.7647, 0.3080,

 1.6080, 0.2824,


0.3409


369.1568, 0.3082,
0.3402

0.4035


 0.3630, 0.1074,
0.8426

 0.0000, 0.0000,
0.0000


 62.6891, 0.3045,
0.3495


 62.6891, 0.3045,
0.3495


 59.6017, 0.2982,
0.3680

 66.2390, 0.3110,
0.3330


 56.9497, 0.2922,
0.3884

 70.2614, 0.3175,
0.3184

 54.7151, 0.2870,
0.4106

 74.7761, 0.3239,
0.3056

 52.8758, 0.2827,
0.4342

 76.3095, 0.3174,
0.2930

■ 51.4074, 0.2799,
0.4586

■ 76.5764, 0.3146,
0.2891

■ 50.2826, 0.2786,
0.4831

■ 49.4705, 0.2792,
0.5066

■ 48.9337, 0.2815,
0.5282

■ 48.6689, 0.2840,
0.5426

Harmonies

Analogous

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



62.6891, 0.3215, 0.3578



62.6891, 0.3045, 0.3495



62.6891, 0.2900, 0.3353

Triad

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



62.6891, 0.3045, 0.3495



62.6891, 0.2891, 0.3010



62.6891, 0.3449, 0.3369

Complementary

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



62.6891, 0.3045, 0.3495



54.1890, 0.3219, 0.3093

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.



62.6891, 0.3358, 0.3223



62.6891, 0.3045, 0.3495



62.6891, 0.3033, 0.3020

Square

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



62.6891, 0.3045, 0.3495



62.6891, 0.2812, 0.3072



62.6891, 0.3204, 0.3098



62.6891, 0.3452, 0.3499

Rectangle

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



62.6891, 0.3045, 0.3495



62.6891, 0.2835, 0.3248



62.6891, 0.3204, 0.3098



62.6891, 0.3428, 0.3320

Sweetspot

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



62.6918, 0.3045, 0.3495



97.7106, 0.3101, 0.3352



64.5348, 0.3239, 0.3608



20.8247, 0.3096, 0.3364



0.0000, 0.0000, 0.0000



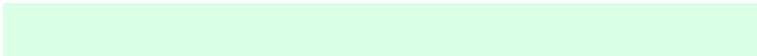
21.4041, 0.3127, 0.3290

Same Dimension

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



62.6918, 0.3045, 0.3495



92.0011, 0.3029, 0.3540



63.3325, 0.2958, 0.3332



13.9716, 0.3066, 0.3440



29.4338, 0.2833, 0.5398



1.7911, 0.2734, 0.5043

Inverse Universe

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



54.1890, 0.3219, 0.3093



77.0948, 0.3240, 0.3053



53.5747, 0.3326, 0.3248



12.5508, 0.3194, 0.3145



9.7099, 0.4417, 0.2207



0.6014, 0.4154, 0.2062

Previews

White Background



This preview shows how the Yxy color 62.6891, 0.3045, 0.3495 looks on a white background.

Color Contrast Check

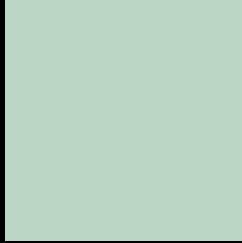
Large Text (above 18pt) WCAG AA × Fail

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 62.6891, 0.3045, 0.3495 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

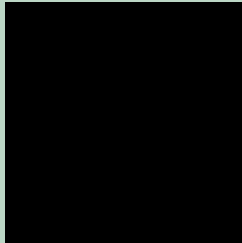
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

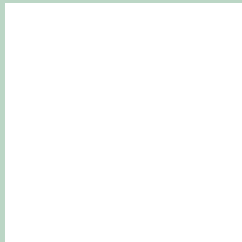
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 62.6891, 0.3045, 0.3495

Background



This preview shows how black text looks on a background with the Yxy color 62.6891, 0.3045, 0.3495.

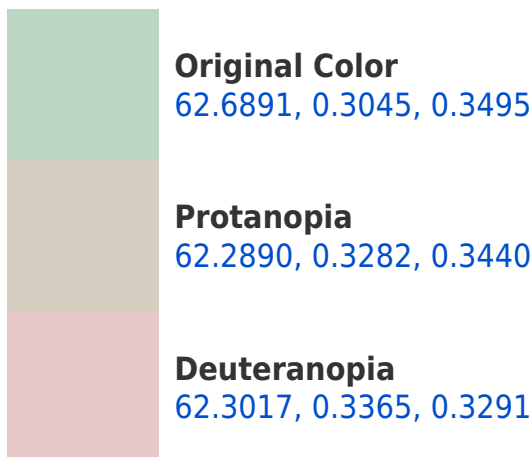


This preview shows how white text looks on a background with the Yxy color 62.6891, 0.3045, 0.3495.

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

62.7906, 0.2892, 0.3104

Trichromacy



Original Color

62.6891, 0.3045, 0.3495

Protanomaly

62.3333, 0.3194, 0.3467

Deuteranomaly

62.0823, 0.3240, 0.3359

Tritanomaly

62.4420, 0.2949, 0.3242

Monochromacy



Original Color

62.6891, 0.3045, 0.3495

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

61.3346, 0.3101, 0.3373

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.6891, 0.3045, 0.3495 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(187, 214, 197)` looks like.

```
.text, #text, p{  
    color:rgb(187, 214, 197)  
}
```

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(187, 214, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 214, 197) }
```

Border

The CSS property to change the border of an element to Yxy 62.6891, 0.3045, 0.3495 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(187, 214, 197) }
```

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

```
.border{ border-color:rgb(187, 214, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 214, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 214, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 214, 197);  
box-shadow:4px 4px 4px 4px rgb(187, 214,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 62.6891, 0.3045, 0.3495 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 214, 197) }
```

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

```
.background{ background-color: rgb(187,  
214, 197) }
```

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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