

Converting Colors

Yxy(66.1914, 0.3053, 0.3591)

Have a look what the booklet for
Yxy(66.1914, 0.3053, 0.3591)
contains.

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Color

Yxy(66.2632, 0.3050, 0.3589)

Conversions

Conversions Part 1

Format	Color
Hex	BBDDC4
RGB	187, 221, 196
RGB Percent	73%, 87%, 77%
CMY	0.2667, 0.1333, 0.2313
CMYK	0.15, 0.00, 0.11, 0.13
HSL	136°, 33%, 80%
HSV	136°, 15%, 87%
XYZ	56.3117, 66.2632, 62.0537
YIQ	207.9840, -12.2390, -14.9830

Conversions

Conversions Part 2

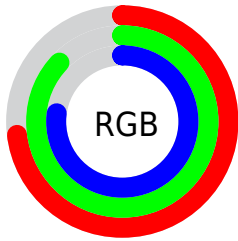
Format	Color
RYB	187, 214, 221
Decimal	12312004
CIELab	85.13, -15.96, 8.54
CIELCh	85, 18.107, 151.843
Yxy	66.2632, 0.3050, 0.3589
Android (android.graphics.Color)	4290502084 (0xFFBBDDC4)
YUV	207.9840, -5.9081, -18.4030
Hunter-Lab	81.4022, -18.9727, 11.7842

Details

The Yxy color **66.2632, 0.3050, 0.3589** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **55.6598, 0.3214, 0.3008**, and the grayscale version is **63.1108, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.6665, 0.3065, 0.3309**, and **34.2120, 0.3028, 0.3674** is the 20% darker color. If you saturate the color by 10%, you get **62.9901, 0.3001, 0.3814**, and if you desaturate by 10%, it is **70.0508, 0.3100, 0.3388**.

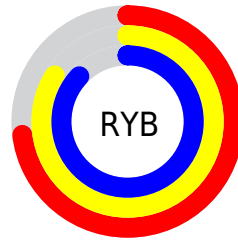
Distribution



Red (73%)

Green (87%)

Blue (77%)



Red (73%)

Yellow (84%)

Blue (87%)

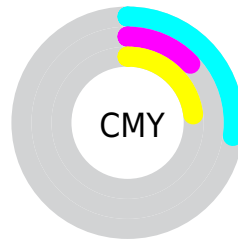


Cyan (15%)

Magenta (0%)

Yellow (11%)

Black (13%)



Cyan (27%)


Magenta (13%)


Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 66.2632, 0.3050, 0.3589 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 66.2632, 0.3050, 0.3589 by changing the saturation by 10% instead.


 66.2632, 0.3050,
0.3589

 66.2632, 0.3050,
0.3589


447.3176, 0.3088,
0.3445

 48.4861, 0.3041,
0.3623


 113.8640, 0.3064,
0.3538

 34.2120, 0.3029,
0.3667


144.4565, 0.3069,
0.3518

 23.0565, 0.3014,
0.3723

180.0896, 0.3073,
0.3502

 14.6352, 0.2993,
0.3798

221.1477, 0.3077,
0.3487

 8.5638, 0.2962,
0.3906

268.0151, 0.3080,
0.3475

 4.4578, 0.2915,
0.4070

321.0763, 0.3083,

 1.9328, 0.2829,

0.3464

0.4353

380.7157, 0.3086,
0.3454

0.5680, 0.2031,
0.7684

0.0000, 0.0000,
0.0000

66.2632, 0.3050,
0.3589

66.2632, 0.3050,
0.3589

62.9901, 0.3001,
0.3814

70.0508, 0.3100,
0.3388

60.2011, 0.2956,
0.4061

74.3653, 0.3150,
0.3211

57.8753, 0.2916,
0.4328

79.2291, 0.3198,
0.3056

55.9868, 0.2886,
0.4608

80.1971, 0.3143,
0.2960

■ 54.5073, 0.2867,
0.4890

■ 53.4051, 0.2863,
0.5160

■ 52.6434, 0.2875,
0.5406

■ 52.1776, 0.2901,
0.5612

■ 52.0292, 0.2915,
0.5693

Harmonies

Analogous

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



66.2632, 0.3276, 0.3684



66.2632, 0.3050, 0.3589



66.2632, 0.2850, 0.3405

Triad

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



66.2632, 0.3050, 0.3589



66.2632, 0.2791, 0.2925



66.2632, 0.3546, 0.3362

Complementary

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



66.2632, 0.3050, 0.3589



55.6598, 0.3214, 0.3008

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.



66.2632, 0.3407, 0.3173



66.2632, 0.3050, 0.3589



66.2632, 0.2968, 0.2926

Square

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



66.2632, 0.3050, 0.3589



66.2632, 0.2704, 0.3020



66.2632, 0.3193, 0.3016



66.2632, 0.3568, 0.3541

Rectangle

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



66.2632, 0.3050, 0.3589



66.2632, 0.2756, 0.3263



66.2632, 0.3193, 0.3016



66.2632, 0.3511, 0.3298

Sweetspot

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



66.2660, 0.3050, 0.3589



97.0729, 0.3102, 0.3382



69.3760, 0.3294, 0.3678



20.6927, 0.3098, 0.3395



0.0000, 0.0000, 0.0000



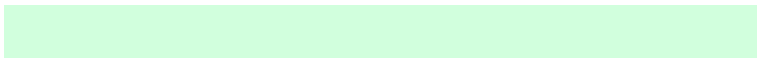
21.4041, 0.3127, 0.3290

Same Dimension

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



66.2660, 0.3050, 0.3589



90.3253, 0.3036, 0.3648



67.0587, 0.2947, 0.3389



14.6627, 0.3080, 0.3466



30.2382, 0.2908, 0.5667



1.9732, 0.2817, 0.5342

Inverse Universe

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



55.6598, 0.3214, 0.3008



73.3702, 0.3232, 0.2956



54.8697, 0.3346, 0.3193



13.2128, 0.3178, 0.3120



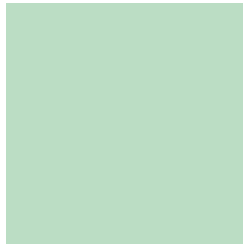
10.4722, 0.4014, 0.1985



0.6924, 0.3853, 0.1896

Previews

White Background



This preview shows how the Yxy color 66.2632, 0.3050, 0.3589 looks on a white background.

Color Contrast Check

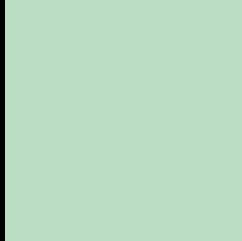
Large Text (above 18pt) WCAG AA × Fail

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 66.2632, 0.3050, 0.3589 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

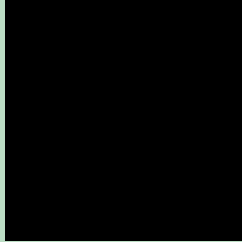
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

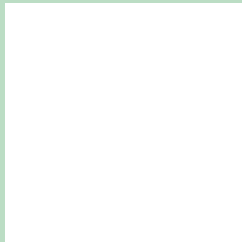
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 66.2632, 0.3050, 0.3589

Background



This preview shows how black text looks on a background with the Yxy color 66.2632, 0.3050, 0.3589.



This preview shows how white text looks on a background with the Yxy color 66.2632, 0.3050, 0.3589.

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

66.2632, 0.3050, 0.3589

Protanopia

66.2207, 0.3343, 0.3527

Deuteranopia

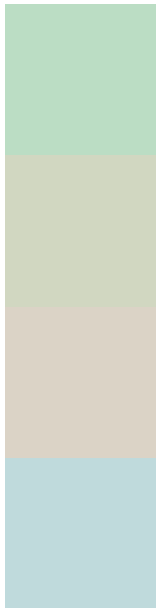
65.7907, 0.3421, 0.3356



Tritanopia

66.3324, 0.2859, 0.3096

Trichromacy



Original Color

66.2632, 0.3050, 0.3589

Protanomaly

66.0064, 0.3233, 0.3544

Deuteranomaly

65.7258, 0.3279, 0.3437

Tritanomaly

66.3865, 0.2926, 0.3266

Monochromacy



Original Color

66.2632, 0.3050, 0.3589

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

64.2275, 0.3093, 0.3395

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.2632, 0.3050, 0.3589 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, 221, 196)` looks like.

```
.text, #text, p{  
    color:rgb(187, 221, 196)  
}
```

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, 221, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 221, 196) }
```

Border

The CSS property to change the border of an element to Yxy 66.2632, 0.3050, 0.3589 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, 221, 196) }
```

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

```
.border{ border-color:rgb(187, 221, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 221, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(187, 221, 196); -webkit-box-shadow:4px 4px 4px 4px rgb(187, 221, 196); box-shadow:4px 4px 4px 4px rgb(187, 221, 196) }
```


Background

The CSS property to change the background color of an element to Yxy 66.2632, 0.3050, 0.3589 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 221, 196) }
```

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

```
.background{ background-color: rgb(187,  
221, 196) }
```

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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