

Converting Colors

Yxy(66.0052, 0.3011, 0.3558)

Have a look what the booklet for
Yxy(66.0052, 0.3011, 0.3558)
contains.

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Color

Yxy(66.0268, 0.3011, 0.3554)

Conversions

Conversions Part 1

Format	Color
Hex	B8DDC7
RGB	184, 221, 199
RGB Percent	72%, 87%, 78%
CMY	0.2782, 0.1334, 0.2197
CMYK	0.17, 0.00, 0.10, 0.13
HSL	144°, 35%, 79%
HSV	144°, 17%, 87%
XYZ	55.9389, 66.0268, 63.8160
YIQ	207.4290, -14.9900, -14.6860

Conversions

Conversions Part 2

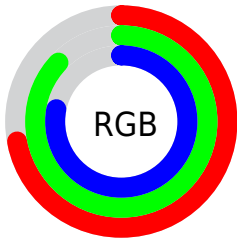
Format	Color
RYB	184, 210, 221
Decimal	12115399
CIELab	85.01, -16.37, 6.78
CIElCh	85, 17.723, 157.502
Yxy	66.0268, 0.3011, 0.3554
Android (android.graphics.Color)	4290305479 (0xFFB8DDC7)
YUV	207.4290, -4.1555, -20.5472
Hunter-Lab	81.2569, -19.3166, 10.3157

Details

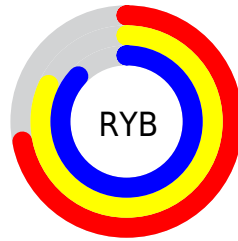
The Yxy color **66.0268, 0.3011, 0.3554** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **54.1321, 0.3264, 0.3040**, and the grayscale version is **62.7285, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.2653, 0.3035, 0.3290**, and **34.1421, 0.2985, 0.3627** is the 20% darker color. If you saturate the color by 10%, you get **62.9238, 0.2945, 0.3737**, and if you desaturate by 10%, it is **69.6146, 0.3080, 0.3390**.

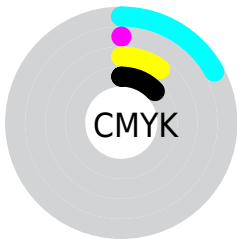
Distribution



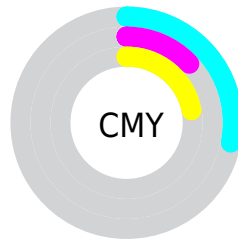
- Red (72%)
- Green (87%)
- Blue (78%)



- Red (72%)
- Yellow (82%)
- Blue (87%)



- Cyan (17%)
- Magenta (0%)
- Yellow (10%)
- Black (13%)





- Cyan (28%)
- Magenta (13%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.0268, 0.3011, 0.3554 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 66.0268, 0.3011, 0.3554 by changing the saturation by 10% instead.


 66.0268, 0.3011,
0.3554

 66.0268, 0.3011,
0.3554


446.4727, 0.3067,
0.3427

 48.2942, 0.2998,
0.3584


 113.5248, 0.3031,
0.3509

 34.0599, 0.2981,
0.3622


144.0589, 0.3038,
0.3492

 22.9396, 0.2959,
0.3672


179.6290, 0.3045,
0.3477

 14.5489, 0.2930,
0.3738

220.6195, 0.3051,
0.3464

 8.5034, 0.2888,
0.3832

267.4147, 0.3055,
0.3453

 4.4187, 0.2824,
0.3977

320.3990, 0.3060,

 1.9104, 0.2713,

0.3444

0.4225

379.9569, 0.3064,
0.3435

0.5546, 0.1570,
0.6832

0.0000, 0.0000,
0.0000

66.0268, 0.3011,
0.3554

66.0268, 0.3011,
0.3554

62.9238, 0.2945,
0.3737

69.6146, 0.3080,
0.3390

60.2763, 0.2884,
0.3937

73.6987, 0.3150,
0.3244

58.0644, 0.2832,
0.4154

78.3005, 0.3219,
0.3116

56.2634, 0.2792,
0.4382

79.9769, 0.3165,
0.2991

■ 54.8460, 0.2768,
0.4616

■ 80.1906, 0.3143,
0.2960

■ 53.7815, 0.2761,
0.4848

■ 53.0343, 0.2774,
0.5070

■ 52.5590, 0.2804,
0.5273

■ 52.4371, 0.2815,
0.5335

Harmonies

Analogous

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



66.0268, 0.3232, 0.3667



66.0268, 0.3011, 0.3554



66.0268, 0.2826, 0.3364

Triad

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



66.0268, 0.3011, 0.3554



66.0268, 0.2825, 0.2925



66.0268, 0.3551, 0.3396

Complementary

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



66.0268, 0.3011, 0.3554



54.1321, 0.3264, 0.3040

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.



66.0268, 0.3434, 0.3209



66.0268, 0.3011, 0.3554



66.0268, 0.3011, 0.2944

Square

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



66.0268, 0.3011, 0.3554



66.0268, 0.2721, 0.3001



66.0268, 0.3234, 0.3046



66.0268, 0.3549, 0.3565

Rectangle

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



66.0268, 0.3011, 0.3554



66.0268, 0.2745, 0.3225



66.0268, 0.3234, 0.3046



66.0268, 0.3524, 0.3334

Sweetspot

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



66.0296, 0.3011, 0.3554



97.1818, 0.3092, 0.3364



68.3262, 0.3267, 0.3718



20.7192, 0.3087, 0.3375



0.0000, 0.0000, 0.0000



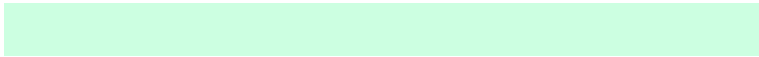
21.4041, 0.3127, 0.3290

Same Dimension

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



66.0296, 0.3011, 0.3554



89.7724, 0.2988, 0.3615



66.9324, 0.2898, 0.3333



14.6930, 0.3061, 0.3433



30.4840, 0.2807, 0.5306



1.9917, 0.2716, 0.4977

Inverse Universe

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



54.1321, 0.3264, 0.3040



70.4086, 0.3297, 0.2986



53.2925, 0.3414, 0.3248



13.1811, 0.3199, 0.3152



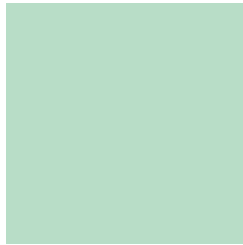
9.9157, 0.4550, 0.2280



0.6593, 0.4273, 0.2127

Previews

White Background



This preview shows how the Yxy color 66.0268, 0.3011, 0.3554 looks on a white background.

Color Contrast Check

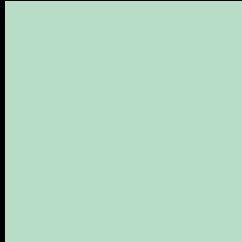
Large Text (above 18pt) WCAG AA × Fail

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 66.0268, 0.3011, 0.3554 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

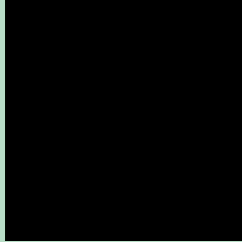
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

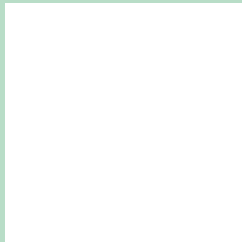
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 66.0268, 0.3011, 0.3554

Background



This preview shows how black text looks on a background with the Yxy color 66.0268, 0.3011, 0.3554.



This preview shows how white text looks on a background with the Yxy color 66.0268, 0.3011, 0.3554.

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

66.0268, 0.3011, 0.3554

Protanopia

65.6992, 0.3315, 0.3482

Deuteranopia

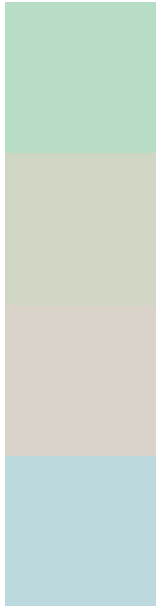
65.7598, 0.3390, 0.3323



Tritanopia

65.9421, 0.2839, 0.3095

Trichromacy



Original Color

66.0268, 0.3011, 0.3554

Protanomaly

65.8518, 0.3198, 0.3510

Deuteranomaly

65.5573, 0.3242, 0.3403

Tritanomaly

66.0546, 0.2900, 0.3254

Monochromacy



Original Color

66.0268, 0.3011, 0.3554

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

63.5887, 0.3086, 0.3384

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.0268, 0.3011, 0.3554 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(184, 221, 199)` looks like.

```
.text, #text, p{  
    color:rgb(184, 221, 199)  
}
```

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(184, 221, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 221, 199) }
```

Border

The CSS property to change the border of an element to Yxy 66.0268, 0.3011, 0.3554 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(184, 221, 199) }
```

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

```
.border{ border-color:rgb(184, 221, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 221, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 221, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 221, 199);  
box-shadow:4px 4px 4px 4px rgb(184, 221,  
199) }
```


Background

The CSS property to change the background color of an element to Yxy 66.0268, 0.3011, 0.3554 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 221, 199) }
```

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

```
.background{ background-color: rgb(184,  
221, 199) }
```

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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