

Converting Colors

Yxy(66.6554, 0.2967, 0.3470)

Have a look what the booklet for
Yxy(66.6554, 0.2967, 0.3470)
contains.

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Color

Yxy(66.3595, 0.2967, 0.3468)

Conversions

Conversions Part 1

Format	Color
Hex	B8DDCE
RGB	184, 221, 206
RGB Percent	72%, 87%, 81%
CMY	0.2783, 0.1334, 0.1921
CMYK	0.17, 0.00, 0.07, 0.13
HSL	156°, 35%, 79%
HSV	156°, 17%, 87%
XYZ	56.7730, 66.3595, 68.2156
YIQ	208.2270, -17.2370, -12.5090

Conversions

Conversions Part 2

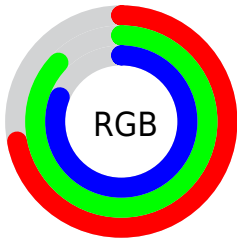
Format	Color
RYB	184, 207, 221
Decimal	12115406
CIELab	85.18, -15.03, 3.31
CIELCh	85, 15.393, 167.572
Yxy	66.3595, 0.2967, 0.3468
Android (android.graphics.Color)	4290305486 (0xFFB8DDCE)
YUV	208.2270, -1.0979, -21.2471
Hunter-Lab	81.4613, -18.1551, 7.3736

Details

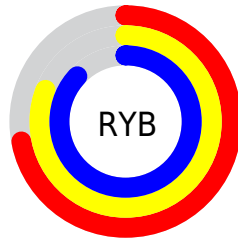
The Yxy color **66.3595, 0.2967, 0.3468** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **53.7957, 0.3321, 0.3119**, and the grayscale version is **63.2539, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.2653, 0.3035, 0.3290**, and **34.3647, 0.2929, 0.3512** is the 20% darker color. If you saturate the color by 10%, you get **63.4188, 0.2877, 0.3590**, and if you desaturate by 10%, it is **69.7569, 0.3062, 0.3358**.

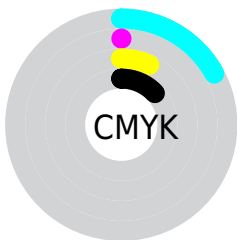
Distribution



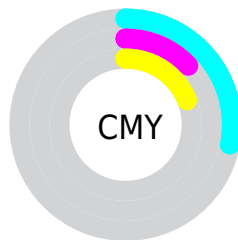
- Red (72%)
- Green (87%)
- Blue (81%)



- Red (72%)
- Yellow (81%)
- Blue (87%)



- Cyan (17%)
- Magenta (0%)
- Yellow (7%)
- Black (13%)



- Cyan (28%)
- Magenta (13%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.3595, 0.2967, 0.3468 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 66.3595, 0.2967, 0.3468 by changing the saturation by 10% instead.

66.3595, 0.2967,
0.3468

66.3595, 0.2967,
0.3468

447.6615, 0.3043,
0.3383

48.5643, 0.2949,
0.3488

114.0022, 0.2994,
0.3438

34.2740, 0.2927,
0.3513

144.6184, 0.3004,
0.3427

23.1042, 0.2898,
0.3545

180.2771, 0.3013,
0.3417

14.6704, 0.2860,
0.3589

221.3627, 0.3020,
0.3408

8.5884, 0.2807,
0.3650

268.2595, 0.3027,
0.3401

4.4737, 0.2727,
0.3742

321.3520, 0.3033,

1.9419, 0.2595,

0.3394

381.0245, 0.3038,
0.3388

0.3898

0.5734, 0.1556,
0.5012

0.0000, 0.0000,
0.0000

66.3595, 0.2967,
0.3468

66.3595, 0.2967,
0.3468

63.4188, 0.2877,
0.3590

69.7569, 0.3062,
0.3358

60.9064, 0.2795,
0.3723


73.6216, 0.3159,
0.3259


58.8033, 0.2724,
0.3865

77.9741, 0.3257,
0.3171


57.0859, 0.2667,
0.4016


79.3716, 0.3230,
0.3085


 55.7281, 0.2628,
0.4173


 79.9229, 0.3170,
0.2999

 54.7002, 0.2608,
0.4332

 80.1895, 0.3143,
0.2960

 53.9677, 0.2609,
0.4490

 53.4867, 0.2629,
0.4645

 53.3587, 0.2637,
0.4694

Harmonies

Analogous

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



66.3595, 0.3154, 0.3592



66.3595, 0.2967, 0.3468



66.3595, 0.2825, 0.3294

Triad

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



66.3595, 0.2967, 0.3468



66.3595, 0.2913, 0.2969



66.3595, 0.3506, 0.3437

Complementary

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



66.3595, 0.2967, 0.3468



53.7957, 0.3321, 0.3119

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.



66.3595, 0.3437, 0.3275



66.3595, 0.2967, 0.3468



66.3595, 0.3091, 0.3010

Square

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



66.3595, 0.2967, 0.3468



66.3595, 0.2795, 0.3008



66.3595, 0.3284, 0.3121



66.3595, 0.3469, 0.3567

Rectangle

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



66.3595, 0.2967, 0.3468



66.3595, 0.2774, 0.3178



66.3595, 0.3284, 0.3121



66.3595, 0.3494, 0.3384

Sweetspot

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



66.3623, 0.2967, 0.3468



97.3330, 0.3078, 0.3340



67.3746, 0.3217, 0.3725



20.7559, 0.3071, 0.3348



0.0000, 0.0000, 0.0000



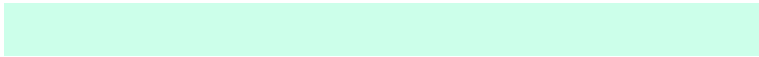
21.4041, 0.3127, 0.3290

Same Dimension

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



66.3623, 0.2967, 0.3468



90.3163, 0.2935, 0.3509



65.5146, 0.2874, 0.3253



14.7355, 0.3036, 0.3386



31.0219, 0.2631, 0.4671



2.0267, 0.2561, 0.4420

Inverse Universe

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



53.7957, 0.3321, 0.3119



69.8645, 0.3369, 0.3082



54.4272, 0.3439, 0.3327



13.1386, 0.3228, 0.3196



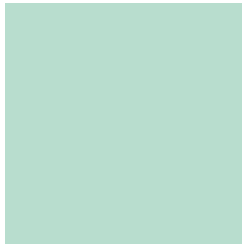
9.3760, 0.5345, 0.2718



0.6242, 0.4917, 0.2482

Previews

White Background



This preview shows how the Yxy color 66.3595, 0.2967, 0.3468 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 66.3595, 0.2967, 0.3468 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

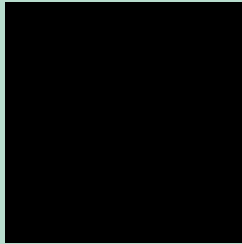
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

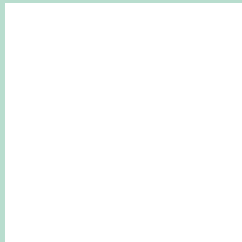
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 66.3595, 0.2967, 0.3468

Background



This preview shows how black text looks on a background with the Yxy color 66.3595, 0.2967, 0.3468.



This preview shows how white text looks on a background with the Yxy color 66.3595, 0.2967, 0.3468.

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

66.3595, 0.2967, 0.3468

Protanopia

65.8656, 0.3257, 0.3403

Deuteranopia

65.7585, 0.3322, 0.3247



Tritanopia

66.3850, 0.2828, 0.3095

Trichromacy



Original Color

66.3595, 0.2967, 0.3468

Protanomaly

66.0345, 0.3143, 0.3428

Deuteranomaly

65.7415, 0.3185, 0.3324

Tritanomaly

66.0894, 0.2875, 0.3220

Monochromacy



Original Color

66.3595, 0.2967, 0.3468

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

64.2356, 0.3066, 0.3360

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.3595, 0.2967, 0.3468 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, 206)` looks like.

```
.text, #text, p{  
    color:rgb(184, 221, 206)  
}
```

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, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 221, 206) }
```

Border

The CSS property to change the border of an element to Yxy 66.3595, 0.2967, 0.3468 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, 206) }
```

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

```
.border{ border-color:rgb(184, 221, 206) }
```

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, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 221, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 221, 206);  
box-shadow:4px 4px 4px 4px rgb(184, 221,  
206) }
```


Background

The CSS property to change the background color of an element to Yxy 66.3595, 0.2967, 0.3468 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, 206) }
```

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

```
.background{ background-color: rgb(184,  
221, 206) }
```

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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