

Converting Colors

$Yxy(66.3977, 0.2952, 0.3435)$

Have a look what the booklet for
Yxy(66.3977, 0.2952, 0.3435)
contains.

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Color

Yxy(66.5067, 0.2948, 0.3432)

Conversions

Conversions Part 1

Format	Color
Hex	B8DDD1
RGB	184, 221, 209
RGB Percent	72%, 87%, 82%
CMY	0.2785, 0.1333, 0.1804
CMYK	0.17, 0.00, 0.05, 0.13
HSL	161°, 35%, 79%
HSV	161°, 17%, 87%
XYZ	57.1275, 66.5067, 70.1498
YIQ	208.5690, -18.2000, -11.5760

Conversions

Conversions Part 2

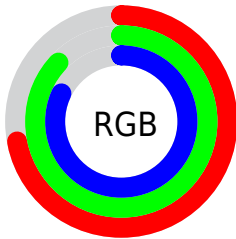
Format	Color
RYB	184, 206, 221
Decimal	12115409
CIELab	85.25, -14.48, 1.84
CIELCh	85, 14.596, 172.761
Yxy	66.5067, 0.2948, 0.3432
Android (android.graphics.Color)	4290305489 (0xFFB8DDD1)
YUV	208.5690, 0.2125, -21.5470
Hunter-Lab	81.5516, -17.6747, 6.0855

Details

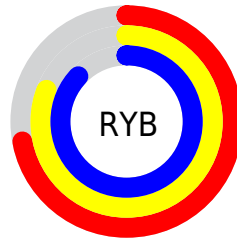
The Yxy color **66.5067, 0.2948, 0.3432** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **53.6285, 0.3346, 0.3153**, and the grayscale version is **63.4713, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.2653, 0.3035, 0.3290**, and **34.4643, 0.2905, 0.3463** is the 20% darker color. If you saturate the color by 10%, you get **63.6434, 0.2848, 0.3528**, and if you desaturate by 10%, it is **69.8178, 0.3054, 0.3344**.

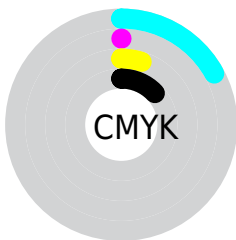
Distribution



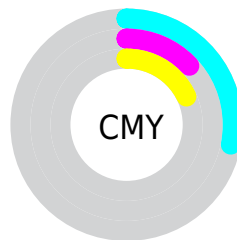
- Red (72%)
- Green (87%)
- Blue (82%)



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



- Cyan (17%)
- Magenta (0%)
- Yellow (5%)
- Black (13%)




- Cyan (28%)
- Magenta (13%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 66.5067, 0.2948, 0.3432 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 66.5067, 0.2948, 0.3432 by changing the saturation by 10% instead.


 66.5067, 0.2948,
0.3432

 66.5067, 0.2948,
0.3432


448.1868, 0.3033,
0.3365

 48.6838, 0.2928,
0.3448


 114.2133, 0.2978,
0.3408

 34.3688, 0.2904,
0.3468


144.8658, 0.2989,
0.3399

 23.1770, 0.2872,
0.3493

180.5636, 0.2999,
0.3391

 14.7243, 0.2830,
0.3527

221.6912, 0.3007,
0.3385

 8.6261, 0.2772,
0.3574

268.6329, 0.3015,
0.3379

 4.4981, 0.2685,
0.3645

321.7732, 0.3021,

 1.9559, 0.2543,

0.3374

0.3764

381.4964, 0.3027,
0.3369

0.5817, 0.1551,
0.4524

0.0000, 0.0000,
0.0000

66.5067, 0.2948,
0.3432

66.5067, 0.2948,
0.3432

63.6434, 0.2848,
0.3528

69.8178, 0.3054,
0.3344

61.1998, 0.2757,
0.3633

73.5872, 0.3163,
0.3265

59.1570, 0.2679,
0.3745

77.8351, 0.3273,
0.3195

57.4917, 0.2615,
0.3863

79.1319, 0.3258,
0.3126

■ 56.1777, 0.2569,
0.3986

■ 79.5607, 0.3210,
0.3056

■ 55.1859, 0.2542,
0.4111

■ 80.0064, 0.3162,
0.2988

■ 54.4819, 0.2536,
0.4235

■ 80.1987, 0.3143,
0.2960

■ 54.0218, 0.2549,
0.4358

■ 53.9004, 0.2555,
0.4398

Harmonies

Analogous

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



66.5067, 0.3121, 0.3561



66.5067, 0.2948, 0.3432



66.5067, 0.2825, 0.3265

Triad

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



66.5067, 0.2948, 0.3432



66.5067, 0.2950, 0.2986



66.5067, 0.3487, 0.3454

Complementary

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



66.5067, 0.2948, 0.3432



53.6285, 0.3346, 0.3153

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.



66.5067, 0.3439, 0.3303



66.5067, 0.2948, 0.3432



66.5067, 0.3125, 0.3039

Square

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



66.5067, 0.2948, 0.3432



66.5067, 0.2826, 0.3011



66.5067, 0.3305, 0.3153



66.5067, 0.3435, 0.3569

Rectangle

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



66.5067, 0.2948, 0.3432



66.5067, 0.2785, 0.3157



66.5067, 0.3305, 0.3153



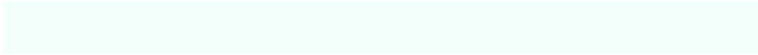
66.5067, 0.3482, 0.3406

Sweetspot

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



66.5095, 0.2948, 0.3432



97.3982, 0.3072, 0.3330



66.9569, 0.3195, 0.3729



20.7718, 0.3065, 0.3336



0.0000, 0.0000, 0.0000



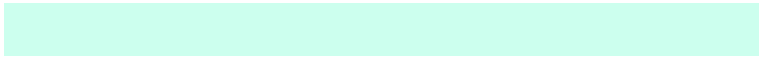
21.4041, 0.3127, 0.3290

Same Dimension

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



66.5095, 0.2948, 0.3432



90.5579, 0.2913, 0.3464



63.9266, 0.2872, 0.3217



14.7540, 0.3025, 0.3367



31.3296, 0.2550, 0.4379



2.0452, 0.2494, 0.4179

Inverse Universe

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



53.6285, 0.3346, 0.3153



69.6413, 0.3400, 0.3123



55.7239, 0.3434, 0.3362



13.1208, 0.3241, 0.3214



9.2175, 0.5663, 0.2894



0.6127, 0.5200, 0.2638

Previews

White Background



This preview shows how the Yxy color 66.5067, 0.2948, 0.3432 looks on a white background.

Color Contrast Check

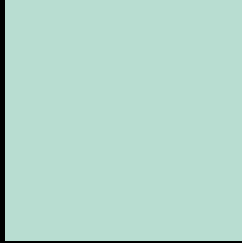
Large Text (above 18pt) WCAG AA × Fail

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 66.5067, 0.2948, 0.3432 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

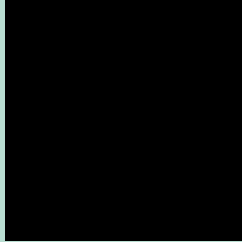
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

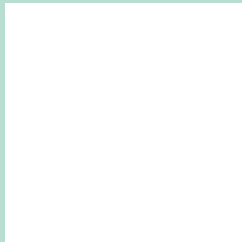
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 66.5067, 0.2948, 0.3432

Background



This preview shows how black text looks on a background with the Yxy color 66.5067, 0.2948, 0.3432.

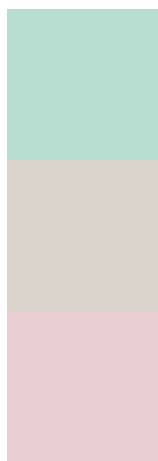


This preview shows how white text looks on a background with the Yxy color 66.5067, 0.2948, 0.3432.

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

66.5067, 0.2948, 0.3432

Protanopia

66.3520, 0.3227, 0.3380

Deuteranopia

66.2197, 0.3291, 0.3226



Tritanopia

66.4427, 0.2822, 0.3084

Trichromacy



Original Color

66.5067, 0.2948, 0.3432

Protanomaly

66.1789, 0.3122, 0.3393

Deuteranomaly

65.7388, 0.3157, 0.3290

Tritanomaly

66.1986, 0.2863, 0.3197

Monochromacy



Original Color

66.5067, 0.2948, 0.3432

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

64.4713, 0.3059, 0.3336

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.5067, 0.2948, 0.3432 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, 209)` looks like.

```
.text, #text, p{  
    color:rgb(184, 221, 209)  
}
```

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, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 221, 209) }
```

Border

The CSS property to change the border of an element to Yxy 66.5067, 0.2948, 0.3432 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, 209) }
```

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

```
.border{ border-color:rgb(184, 221, 209) }
```

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, 209) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 221, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 221, 209);  
box-shadow:4px 4px 4px 4px rgb(184, 221,  
209) }
```


Background

The CSS property to change the background color of an element to Yxy 66.5067, 0.2948, 0.3432 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, 209) }
```

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

```
.background{ background-color: rgb(184,  
221, 209) }
```

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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