

Converting Colors

$Yxy(66.2736, 0.2920, 0.3327)$

Have a look what the booklet for
Yxy(66.2736, 0.2920, 0.3327)
contains.

Yxy(66.0600, 0.2918, 0.3325)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(66.0600, 0.2918, 0.3325)

Conversions

Conversions Part 1

Format	Color
Hex	BADB D8
RGB	186, 219, 216
RGB Percent	73%, 86%, 85%
CMY	0.2706, 0.1412, 0.1530
CMYK	0.15, 0.00, 0.01, 0.14
HSL	174°, 31%, 79%
HSV	174°, 15%, 86%
XYZ	57.9739, 66.0600, 74.6428
YIQ	208.7910, -18.7050, -7.9290

Conversions

Conversions Part 2

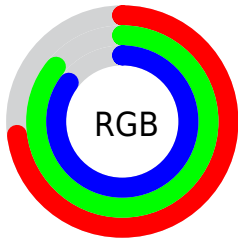
Format	Color
R _Y B	186, 203, 219
Decimal	12245976
CIE Lab	85.03, -11.43, -2.16
CIE LCh	85, 11.630, 190.725
Yxy	66.0600, 0.2918, 0.3325
Android (android.graphics.Color)	4290436056 (0xFFBADBD8)
YUV	208.7910, 3.5540, -19.9877
Hunter-Lab	81.2773, -14.9140, 2.4438

Details

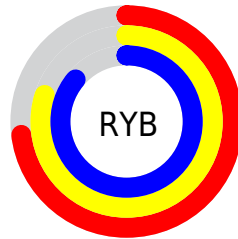
The Yxy color **66.0600, 0.2918, 0.3325** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **53.8572, 0.3383, 0.3256**, and the grayscale version is **63.6039, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.6172, 0.3047, 0.3290**, and **34.0297, 0.2865, 0.3336** is the 20% darker color. If you saturate the color by 10%, you get **63.4232, 0.2789, 0.3351**, and if you desaturate by 10%, it is **69.1240, 0.3055, 0.3301**.

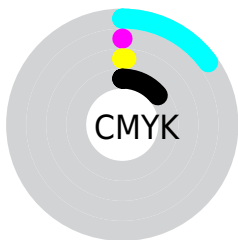
Distribution



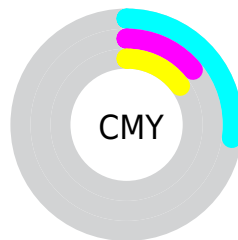
- Red (73%)
- Green (86%)
- Blue (85%)



- Red (73%)
- Yellow (80%)
- Blue (86%)



- Cyan (15%)
- Magenta (0%)
- Yellow (1%)
- Black (14%)




- Cyan (27%)
- Magenta (14%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 66.0600, 0.2918, 0.3325 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 66.0600, 0.2918, 0.3325 by changing the saturation by 10% instead.


 66.0600, 0.2918,
0.3325

 66.0600, 0.2918,
0.3325

446.5914, 0.3016,
0.3309

 48.3211, 0.2895,
0.3329


 113.5724, 0.2952,
0.3320

 34.0813, 0.2867,
0.3333


144.1148, 0.2966,
0.3317

 22.9560, 0.2831,
0.3338


179.6937, 0.2977,
0.3316

 14.5610, 0.2783,
0.3345

220.6937, 0.2987,
0.3314

 8.5119, 0.2717,
0.3354

267.4990, 0.2996,
0.3313

 4.4242, 0.2619,
0.3367

320.4942, 0.3003,

 1.9136, 0.2462,

0.3311

380.0635, 0.3010,
0.3310

0.3386

0.5565, 0.1599,
0.3559

0.0000, 0.0000,
0.0000

66.0600, 0.2918,
0.3325

66.0600, 0.2918,
0.3325

63.4232, 0.2789,
0.3351

69.1240, 0.3055,
0.3301

61.1862, 0.2673,
0.3379

72.6247, 0.3198,
0.3280

59.3313, 0.2570,
0.3408

76.5818, 0.3344,
0.3260

57.8360, 0.2484,
0.3438


77.3093, 0.3354,
0.3240


 56.6756, 0.2417,
0.3469


 77.4192, 0.3340,
0.3220

 55.8223, 0.2369,
0.3501

 77.5303, 0.3326,
0.3200


 55.2439, 0.2340,
0.3533

 77.6428, 0.3312,
0.3180

 54.9006, 0.2329,
0.3564

 77.7565, 0.3298,
0.3160

 54.7846, 0.2328,
0.3579

 77.8715, 0.3284,
0.3141

Harmonies

Analogous

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



66.0600, 0.3037, 0.3450



66.0600, 0.2918, 0.3325



66.0600, 0.2855, 0.3194

Triad

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



66.0600, 0.2918, 0.3325



66.0600, 0.3067, 0.3064



66.0600, 0.3398, 0.3483

Complementary

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



66.0600, 0.2918, 0.3325



53.8572, 0.3383, 0.3256

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.



66.0600, 0.3408, 0.3376



66.0600, 0.2918, 0.3325



66.0600, 0.3214, 0.3138

Square

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



66.0600, 0.2918, 0.3325



66.0600, 0.2939, 0.3047



66.0600, 0.3340, 0.3251



66.0600, 0.3315, 0.3540

Rectangle

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



66.0600, 0.2918, 0.3325



66.0600, 0.2852, 0.3121



66.0600, 0.3340, 0.3251



66.0600, 0.3410, 0.3451

Sweetspot

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



66.0627, 0.2918, 0.3325



97.5863, 0.3056, 0.3301



65.0698, 0.3132, 0.3688



20.8176, 0.3046, 0.3303



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.



66.0627, 0.2918, 0.3325



92.0413, 0.2877, 0.3333



59.6041, 0.2894, 0.3132



14.8079, 0.2994, 0.3311



32.4912, 0.2326, 0.3574



2.1111, 0.2312, 0.3523

Inverse Universe

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



53.8572, 0.3383, 0.3256



71.7302, 0.3447, 0.3248



59.5483, 0.3385, 0.3443



13.0708, 0.3277, 0.3269



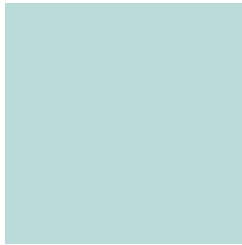
8.9671, 0.6291, 0.3239



0.5878, 0.6005, 0.3082

Previews

White Background



This preview shows how the Yxy color 66.0600, 0.2918, 0.3325 looks on a white background.

Color Contrast Check

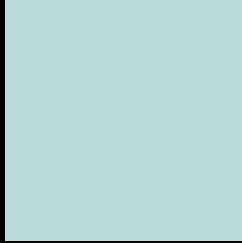
Large Text (above 18pt) WCAG AA × Fail

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 66.0600, 0.2918, 0.3325 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

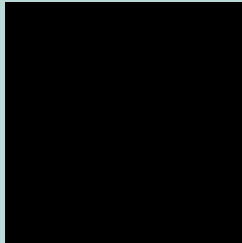
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

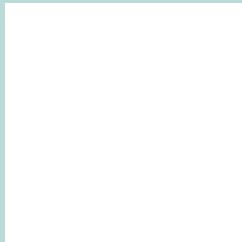
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 66.0600, 0.2918, 0.3325

Background



This preview shows how black text looks on a background with the Yxy color 66.0600, 0.2918, 0.3325.

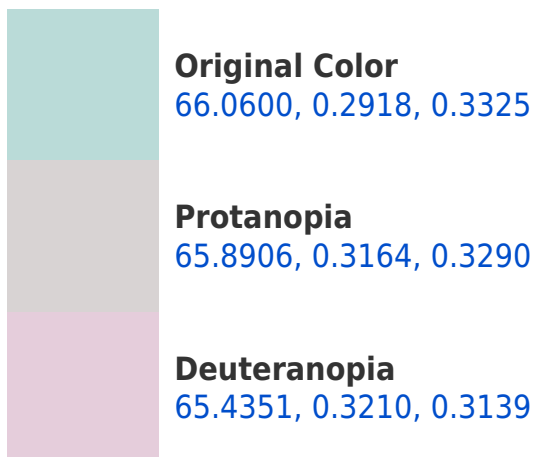


This preview shows how white text looks on a background with the Yxy color 66.0600, 0.2918, 0.3325.

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

65.8711, 0.2827, 0.3083

Trichromacy



Original Color

66.0600, 0.2918, 0.3325

Protanomaly

65.8764, 0.3069, 0.3301

Deuteranomaly

65.3013, 0.3094, 0.3200

Tritanomaly

65.8631, 0.2863, 0.3174

Monochromacy



Original Color

66.0600, 0.2918, 0.3325

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

64.7595, 0.3047, 0.3301

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.0600, 0.2918, 0.3325 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(186, 219, 216)` looks like.

```
.text, #text, p{  
    color:rgb(186, 219, 216)  
}
```

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(186, 219, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 219, 216) }
```

Border

The CSS property to change the border of an element to Yxy 66.0600, 0.2918, 0.3325 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(186, 219, 216) }
```

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

```
.border{ border-color:rgb(186, 219, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 219, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 219, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 219, 216);  
box-shadow:4px 4px 4px 4px rgb(186, 219,  
216) }
```


Background

The CSS property to change the background color of an element to Yxy 66.0600, 0.2918, 0.3325 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 219, 216) }
```

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

```
.background{ background-color: rgb(186,  
219, 216) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor