

Converting Colors

$Yxy(67.7917, 0.2907, 0.3402)$

Have a look what the booklet for
Yxy(67.7917, 0.2907, 0.3402)
contains.

Yxy(67.5755, 0.2905, 0.3396)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(67.5755, 0.2905, 0.3396)

Conversions

Conversions Part 1

Format	Color
Hex	B6DFD6
RGB	182, 223, 214
RGB Percent	71%, 87%, 84%
CMY	0.2865, 0.1254, 0.1608
CMYK	0.18, 0.00, 0.04, 0.13
HSL	167°, 39%, 79%
HSV	167°, 18%, 87%
XYZ	57.8053, 67.5755, 73.6048
YIQ	209.7150, -21.5470, -11.4910

Conversions

Conversions Part 2

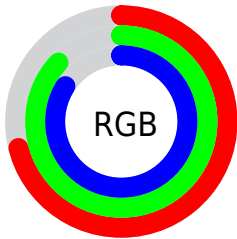
Format	Color
RYB	182, 205, 223
Decimal	11984854
CIELab	85.79, -15.14, -0.02
CIELCh	86, 15.143, 180.080
Yxy	67.5755, 0.2905, 0.3396
Android (android.graphics.Color)	4290174934 (0xFFB6DFD6)
YUV	209.7150, 2.1125, -24.3061
Hunter-Lab	82.2043, -18.3380, 4.4555

Details

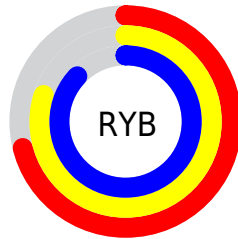
The Yxy color **67.5755, 0.2905, 0.3396** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **52.8854, 0.3408, 0.3187**, and the grayscale version is **64.2434, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.9171, 0.3023, 0.3290**, and **35.0977, 0.2851, 0.3431** is the 20% darker color. If you saturate the color by 10%, you get **64.8299, 0.2794, 0.3461**, and if you desaturate by 10%, it is **70.7666, 0.3023, 0.3336**.

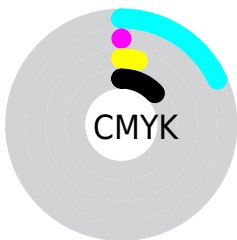
Distribution



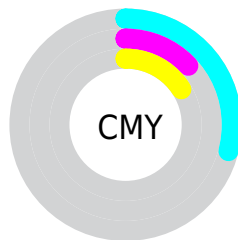
- Red (71%)
- Green (87%)
- Blue (84%)



- Red (71%)
- Yellow (80%)
- Blue (87%)



- Cyan (18%)
- Magenta (0%)
- Yellow (4%)
- Black (13%)





- Cyan (29%)
- Magenta (13%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 67.5755, 0.2905, 0.3396 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 67.5755, 0.2905, 0.3396 by changing the saturation by 10% instead.

 67.5755, 0.2905,
0.3396

 67.5755, 0.2905,
0.3396


451.9905, 0.3009,
0.3346

 49.5525, 0.2881,
0.3407


 115.7447, 0.2941,
0.3379

 35.0579, 0.2851,
0.3422


146.6596, 0.2955,
0.3372

 23.7075, 0.2813,
0.3440


182.6406, 0.2968,
0.3366

 15.1168, 0.2762,
0.3464

224.0720, 0.2978,
0.3361

 8.9014, 0.2692,
0.3497

271.3384, 0.2987,
0.3357

 4.6769, 0.2590,
0.3546

324.8240, 0.2995,

 2.0590, 0.2425,

0.3353

0.3624

384.9132, 0.3003,
0.3350

0.6414, 0.1518,
0.4056

0.0000, 0.0000,
0.0000

67.5755, 0.2905,
0.3396

67.5755, 0.2905,
0.3396

64.8299, 0.2794,
0.3461

70.7666, 0.3023,
0.3336

62.5009, 0.2694,
0.3532

74.4140, 0.3147,
0.3282

60.5692, 0.2608,
0.3606

78.5383, 0.3273,
0.3233

59.0106, 0.2538,
0.3684

79.9633, 0.3284,
0.3185

■ 57.7981, 0.2487,
0.3764

■ 80.2485, 0.3250,
0.3137

■ 56.9013, 0.2455,
0.3846

■ 80.5415, 0.3218,
0.3090

■ 56.2841, 0.2443,
0.3927

■ 80.8425, 0.3185,
0.3043

■ 55.8935, 0.2449,
0.4008

■ 81.1515, 0.3153,
0.2996

■ 55.8404, 0.2450,
0.4021

■ 81.2654, 0.3142,
0.2980

Harmonies

Analogous

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



67.5755, 0.3075, 0.3544



67.5755, 0.2905, 0.3396



67.5755, 0.2796, 0.3222

Triad

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



67.5755, 0.2905, 0.3396



67.5755, 0.2985, 0.2983



67.5755, 0.3495, 0.3493

Complementary

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



67.5755, 0.2905, 0.3396



52.8854, 0.3408, 0.3187

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.



67.5755, 0.3470, 0.3342



67.5755, 0.2905, 0.3396



67.5755, 0.3172, 0.3054

Square

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



67.5755, 0.2905, 0.3396



67.5755, 0.2841, 0.2988



67.5755, 0.3351, 0.3184



67.5755, 0.3417, 0.3596

Rectangle

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



67.5755, 0.2905, 0.3396



67.5755, 0.2770, 0.3117



67.5755, 0.3351, 0.3184



67.5755, 0.3498, 0.3446

Sweetspot

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



67.5783, 0.2905, 0.3396



96.9980, 0.3052, 0.3323



67.3058, 0.3171, 0.3781



20.6946, 0.3044, 0.3326



0.0000, 0.0000, 0.0000



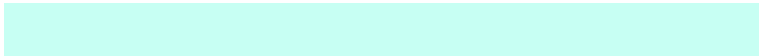
21.4041, 0.3127, 0.3290

Same Dimension

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



67.5783, 0.2905, 0.3396



90.0991, 0.2862, 0.3420



62.3873, 0.2844, 0.3160



15.5180, 0.3011, 0.3342



32.8445, 0.2447, 0.4008



2.2895, 0.2412, 0.3884

Inverse Universe

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



52.8854, 0.3408, 0.3187



66.7759, 0.3480, 0.3165



57.1613, 0.3462, 0.3417



13.7496, 0.3258, 0.3239



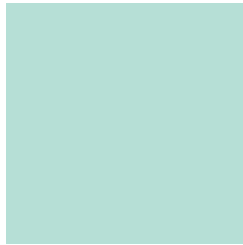
9.3687, 0.6012, 0.3086



0.6627, 0.5581, 0.2848

Previews

White Background



This preview shows how the Yxy color 67.5755, 0.2905, 0.3396 looks on a white background.

Color Contrast Check

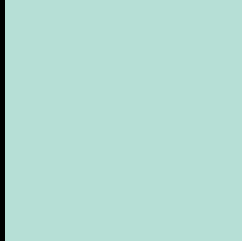
Large Text (above 18pt) WCAG AA × Fail

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 67.5755, 0.2905, 0.3396 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

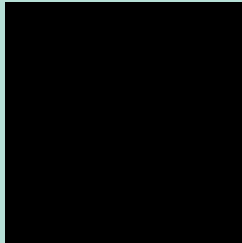
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

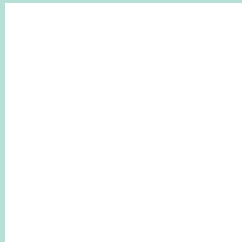
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 67.5755, 0.2905, 0.3396

Background



This preview shows how black text looks on a background with the Yxy color 67.5755, 0.2905, 0.3396.

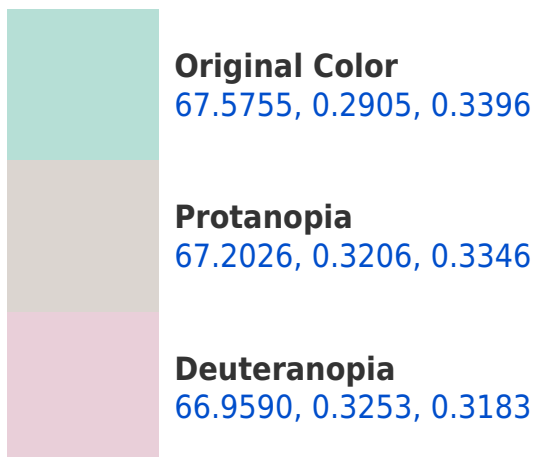


This preview shows how white text looks on a background with the Yxy color 67.5755, 0.2905, 0.3396.

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

67.7399, 0.2793, 0.3095

Trichromacy



Original Color

67.5755, 0.2905, 0.3396

Protanomaly

67.4007, 0.3095, 0.3370

Deuteranomaly

66.8425, 0.3114, 0.3256

Tritanomaly

67.6843, 0.2834, 0.3197

Monochromacy



Original Color

67.5755, 0.2905, 0.3396

Achromatopsia

64.4480, 0.3127, 0.3290

Achromatomaly

65.5834, 0.3046, 0.3336

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.5755, 0.2905, 0.3396 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(182, 223, 214)` looks like.

```
.text, #text, p{  
    color:rgb(182, 223, 214)  
}
```

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(182, 223, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 223, 214) }
```

Border

The CSS property to change the border of an element to Yxy 67.5755, 0.2905, 0.3396 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(182, 223, 214) }
```

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

```
.border{ border-color:rgb(182, 223, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 223, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 223, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 223, 214);  
box-shadow:4px 4px 4px 4px rgb(182, 223,  
214) }
```


Background

The CSS property to change the background color of an element to Yxy 67.5755, 0.2905, 0.3396 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 223, 214) }
```

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

```
.background{ background-color: rgb(182,  
223, 214) }
```

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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