

Converting Colors

$Yxy(65.1147, 0.2953, 0.3445)$

Have a look what the booklet for
Yxy(65.1147, 0.2953, 0.3445)
contains.

Yxy(65.0644, 0.2953, 0.3445)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(65.0644, 0.2953, 0.3445)

Conversions

Conversions Part 1

Format	Color
Hex	B6DBCE
RGB	182, 219, 206
RGB Percent	71%, 86%, 81%
CMY	0.2861, 0.1412, 0.1920
CMYK	0.17, 0.00, 0.06, 0.14
HSL	159°, 34%, 79%
HSV	159°, 17%, 86%
XYZ	55.7722, 65.0644, 68.0296
YIQ	206.4550, -17.8790, -11.8870

Conversions

Conversions Part 2

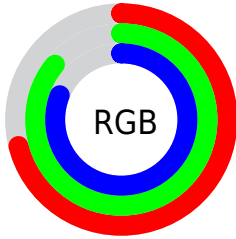
Format	Color
R _{YB}	182, 204, 219
Decimal	11983822
CIE Lab	84.52, -14.67, 2.33
CIE LCh	85, 14.849, 170.987
Yxy	65.0644, 0.2953, 0.3445
Android (android.graphics.Color)	4290173902 (0xFFB6DBCE)
YUV	206.4550, -0.2243, -21.4470
Hunter-Lab	80.6625, -17.7398, 6.4594

Details

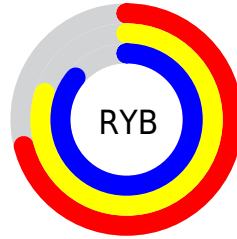
The Yxy color **65.0644, 0.2953, 0.3445** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **52.4698, 0.3339, 0.3140**, and the grayscale version is **62.0447, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.9171, 0.3023, 0.3290**, and **33.4850, 0.2911, 0.3482** is the 20% darker color. If you saturate the color by 10%, you get **62.2409, 0.2857, 0.3550**, and if you desaturate by 10%, it is **68.3285, 0.3055, 0.3350**.

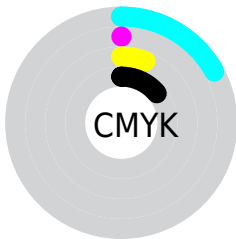
Distribution



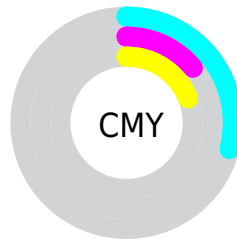
- Red (71%)
- Green (86%)
- Blue (81%)



- Red (71%)
- Yellow (80%)
- Blue (86%)



- Cyan (17%)
- Magenta (0%)
- Yellow (6%)
- Black (14%)




- Cyan (29%)
- Magenta (14%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 65.0644, 0.2953, 0.3445 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 65.0644, 0.2953, 0.3445 by changing the saturation by 10% instead.


 65.0644, 0.2953,
0.3445

 65.0644, 0.2953,
0.3445


443.0234, 0.3036,
0.3371

 47.5133, 0.2934,
0.3462


 112.1424, 0.2982,
0.3419

 33.4416, 0.2909,
0.3484


142.4382, 0.2993,
0.3409

 22.4650, 0.2878,
0.3513


177.7509, 0.3003,
0.3400

 14.1990, 0.2837,
0.3550

218.4650, 0.3011,
0.3393

 8.2592, 0.2779,
0.3604

264.9649, 0.3018,
0.3386

 4.2612, 0.2692,
0.3684

317.6350, 0.3025,

 1.8207, 0.2547,

0.3381

376.8597, 0.3030,
0.3376

0.3821

0.5000, 0.1174,
0.5005

0.0000, 0.0000,
0.0000

65.0644, 0.2953,
0.3445

65.0644, 0.2953,
0.3445

62.2409, 0.2857,
0.3550

68.3285, 0.3055,
0.3350

59.8304, 0.2769,
0.3664

72.0435, 0.3160,
0.3264

57.8144, 0.2693,
0.3786

76.2292, 0.3266,
0.3188

56.1699, 0.2631,
0.3914

78.0203, 0.3266,
0.3114

■ 54.8715, 0.2588,
0.4048

■ 78.4784, 0.3214,
0.3040

■ 53.8904, 0.2563,
0.4184

■ 78.9560, 0.3163,
0.2967

■ 53.1928, 0.2560,
0.4320

■ 79.1400, 0.3144,
0.2940

■ 52.7354, 0.2575,
0.4453

■ 52.6183, 0.2582,
0.4495

Harmonies

Analogous

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



65.0644, 0.3132, 0.3573



65.0644, 0.2953, 0.3445



65.0644, 0.2823, 0.3274

Triad

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



65.0644, 0.2953, 0.3445



65.0644, 0.2936, 0.2978



65.0644, 0.3496, 0.3450

Complementary

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



65.0644, 0.2953, 0.3445



52.4698, 0.3339, 0.3140

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.



65.0644, 0.3441, 0.3293



65.0644, 0.2953, 0.3445



65.0644, 0.3114, 0.3027

Square

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



65.0644, 0.2953, 0.3445



65.0644, 0.2813, 0.3008



65.0644, 0.3299, 0.3141



65.0644, 0.3448, 0.3570

Rectangle

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



65.0644, 0.2953, 0.3445



65.0644, 0.2779, 0.3163



65.0644, 0.3299, 0.3141



65.0644, 0.3489, 0.3400

Sweetspot

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



65.0671, 0.2953, 0.3445



97.3768, 0.3074, 0.3333



65.7194, 0.3204, 0.3731



20.7666, 0.3067, 0.3340



0.0000, 0.0000, 0.0000



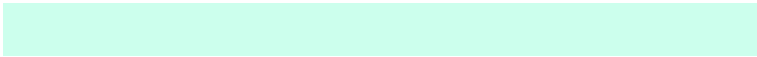
21.4041, 0.3127, 0.3290

Same Dimension

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



65.0671, 0.2953, 0.3445



90.4782, 0.2920, 0.3478



63.1903, 0.2871, 0.3231



14.7479, 0.3029, 0.3373



31.2235, 0.2576, 0.4475



2.0389, 0.2516, 0.4258

Inverse Universe

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



52.4698, 0.3339, 0.3140



69.7138, 0.3390, 0.3109



53.9632, 0.3439, 0.3349



13.1266, 0.3237, 0.3208



9.2650, 0.5563, 0.2838



0.6162, 0.5108, 0.2587

Previews

White Background



This preview shows how the Yxy color 65.0644, 0.2953, 0.3445 looks on a white background.

Color Contrast Check

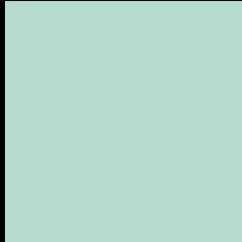
Large Text (above 18pt) WCAG AA × Fail

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 65.0644, 0.2953, 0.3445 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

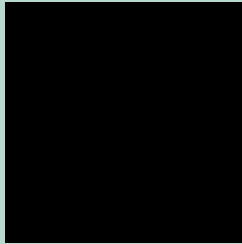
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

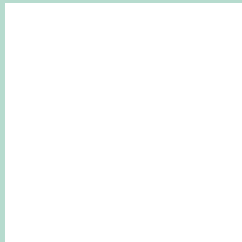
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 65.0644, 0.2953, 0.3445

Background



This preview shows how black text looks on a background with the Yxy color 65.0644, 0.2953, 0.3445.

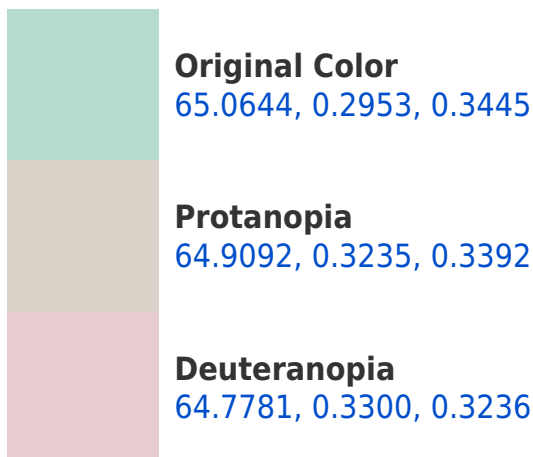


This preview shows how white text looks on a background with the Yxy color 65.0644, 0.2953, 0.3445.

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

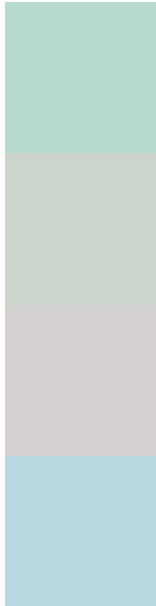




Tritanopia

64.9919, 0.2825, 0.3093

Trichromacy



Original Color

65.0644, 0.2953, 0.3445

Protanomaly

64.7377, 0.3129, 0.3406

Deuteranomaly

64.3011, 0.3164, 0.3301

Tritanomaly

64.7537, 0.2867, 0.3207

Monochromacy



Original Color

65.0644, 0.2953, 0.3445

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

62.9151, 0.3058, 0.3349

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.0644, 0.2953, 0.3445 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, 219, 206)` looks like.

```
.text, #text, p{  
    color:rgb(182, 219, 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(182, 219, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 219, 206) }
```

Border

The CSS property to change the border of an element to Yxy 65.0644, 0.2953, 0.3445 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, 219, 206) }
```

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

```
.border{ border-color:rgb(182, 219, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 219, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 219, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 219, 206);  
box-shadow:4px 4px 4px 4px rgb(182, 219,  
206) }
```


Background

The CSS property to change the background color of an element to Yxy 65.0644, 0.2953, 0.3445 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 219, 206) }
```

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

```
.background{ background-color: rgb(182,  
219, 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](#).

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