

Converting Colors

$Yxy(63.5010, 0.2980, 0.3438)$

Have a look what the booklet for
Yxy(63.5010, 0.2980, 0.3438)
contains.

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Color

Yxy(63.6139, 0.2985, 0.3446)

Conversions

Conversions Part 1

Format	Color
Hex	B8D8CB
RGB	184, 216, 203
RGB Percent	72%, 85%, 80%
CMY	0.2784, 0.1529, 0.2039
CMYK	0.15, 0.00, 0.06, 0.15
HSL	156°, 29%, 78%
HSV	156°, 15%, 85%
XYZ	55.1037, 63.6139, 65.8845
YIQ	204.9500, -14.8990, -10.8270

Conversions

Conversions Part 2

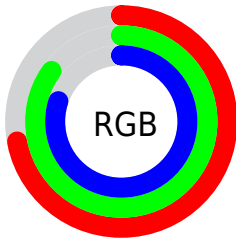
Format	Color
RYB	184, 204, 216
Decimal	12114123
CIELab	83.76, -13.10, 2.84
CIELCh	84, 13.406, 167.748
Yxy	63.6139, 0.2985, 0.3446
Android (android.graphics.Color)	4290304203 (0xFFB8D8CB)
YUV	204.9500, -0.9613, -18.3731
Hunter-Lab	79.7583, -16.2543, 6.8542

Details

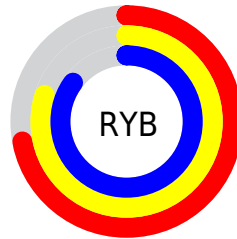
The Yxy color **63.6139, 0.2985, 0.3446** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **52.9109, 0.3295, 0.3139**, and the grayscale version is **61.0322, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.2653, 0.3035, 0.3290**, and **32.4850, 0.2952, 0.3483** is the 20% darker color. If you saturate the color by 10%, you get **60.7433, 0.2894, 0.3566**, and if you desaturate by 10%, it is **66.9207, 0.3080, 0.3338**.

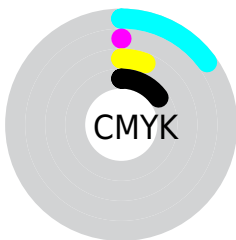
Distribution



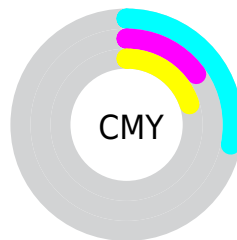
- Red (72%)
- Green (85%)
- Blue (80%)



- Red (72%)
- Yellow (80%)
- Blue (85%)



- Cyan (15%)
- Magenta (0%)
- Yellow (6%)
- Black (15%)





- Cyan (28%)
- Magenta (15%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 63.6139, 0.2985, 0.3446 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 63.6139, 0.2985, 0.3446 by changing the saturation by 10% instead.


 63.6139, 0.2985,
0.3446

 63.6139, 0.2985,
0.3446


437.7940, 0.3053,
0.3371

 46.3380, 0.2969,
0.3464

 110.0547, 0.3009,
0.3420

 32.5126, 0.2949,
0.3486


139.9884, 0.3018,
0.3409

 21.7534, 0.2923,
0.3515


174.9102, 0.3026,
0.3401

 13.6758, 0.2888,
0.3554

215.2045, 0.3033,
0.3393

 7.8955, 0.2839,
0.3609

261.2556, 0.3039,
0.3387

 4.0282, 0.2765,
0.3693

313.4479, 0.3044,

 1.6893, 0.2641,

0.3381

372.1660, 0.3049,
0.3376

0.3838

0.4167, 0.1020,
0.5572

0.0000, 0.0000,
0.0000

63.6139, 0.2985,
0.3446

63.6139, 0.2985,
0.3446

60.7433, 0.2894,
0.3566

66.9207, 0.3080,
0.3338

58.2822, 0.2810,
0.3696


70.6735, 0.3178,
0.3241

56.2130, 0.2737,
0.3837

74.8913, 0.3275,
0.3155

54.5136, 0.2678,
0.3986

76.5511, 0.3260,
0.3071


 53.1600, 0.2635,
0.4142


 77.0792, 0.3200,
0.2987

 52.1248, 0.2611,
0.4301

 77.5936, 0.3145,
0.2910

 51.3766, 0.2607,
0.4460

 50.8768, 0.2623,
0.4615

 50.6816, 0.2637,
0.4693

Harmonies

Analogous

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



63.6139, 0.3151, 0.3555



63.6139, 0.2985, 0.3446



63.6139, 0.2859, 0.3293

Triad

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



63.6139, 0.2985, 0.3446



63.6139, 0.2939, 0.3005



63.6139, 0.3461, 0.3422

Complementary

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



63.6139, 0.2985, 0.3446



52.9109, 0.3295, 0.3139

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.



63.6139, 0.3401, 0.3278



63.6139, 0.2985, 0.3446



63.6139, 0.3096, 0.3042

Square

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



63.6139, 0.2985, 0.3446



63.6139, 0.2833, 0.3041



63.6139, 0.3267, 0.3141



63.6139, 0.3428, 0.3536

Rectangle

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



63.6139, 0.2985, 0.3446



63.6139, 0.2814, 0.3191



63.6139, 0.3267, 0.3141



63.6139, 0.3451, 0.3375

Sweetspot

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



63.6166, 0.2985, 0.3446



97.8528, 0.3088, 0.3330



64.4898, 0.3207, 0.3672



20.8607, 0.3081, 0.3338



0.0000, 0.0000, 0.0000



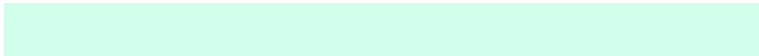
21.4041, 0.3127, 0.3290

Same Dimension

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



63.6166, 0.2985, 0.3446



91.1679, 0.2954, 0.3485



62.9064, 0.2902, 0.3258



14.0186, 0.3036, 0.3386



30.0191, 0.2631, 0.4670



1.8268, 0.2557, 0.4405

Inverse Universe

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



52.9109, 0.3295, 0.3139



72.4961, 0.3340, 0.3103



53.4596, 0.3398, 0.3322



12.5035, 0.3228, 0.3196



9.0748, 0.5341, 0.2716



0.5635, 0.4888, 0.2466

Previews

White Background



This preview shows how the Yxy color 63.6139, 0.2985, 0.3446 looks on a white background.

Color Contrast Check

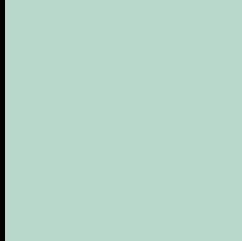
Large Text (above 18pt) WCAG AA × Fail

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 63.6139, 0.2985, 0.3446 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

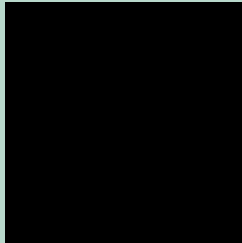
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

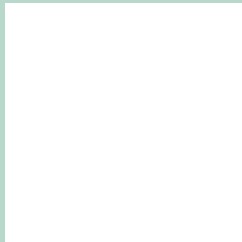
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 63.6139, 0.2985, 0.3446

Background



This preview shows how black text looks on a background with the Yxy color 63.6139, 0.2985, 0.3446.

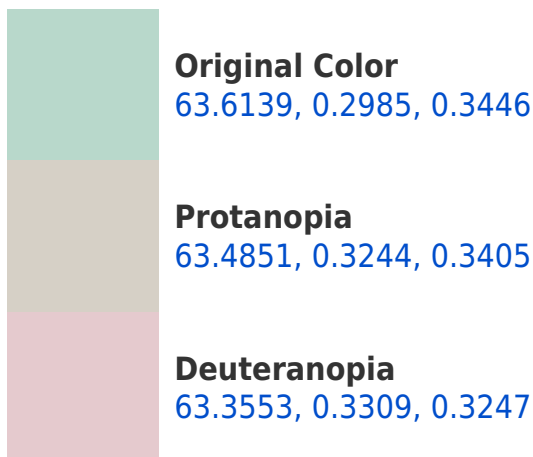


This preview shows how white text looks on a background with the Yxy color 63.6139, 0.2985, 0.3446.

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

63.5629, 0.2855, 0.3092

Trichromacy



Original Color

63.6139, 0.2985, 0.3446

Protanomaly

63.4552, 0.3143, 0.3419

Deuteranomaly

63.1796, 0.3187, 0.3313

Tritanomaly

63.3206, 0.2897, 0.3207

Monochromacy



Original Color

63.6139, 0.2985, 0.3446

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

61.8309, 0.3072, 0.3349

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.6139, 0.2985, 0.3446 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, 216, 203)` looks like.

```
.text, #text, p{  
    color:rgb(184, 216, 203)  
}
```

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, 216, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 216, 203) }
```

Border

The CSS property to change the border of an element to Yxy 63.6139, 0.2985, 0.3446 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, 216, 203) }
```

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

```
.border{ border-color:rgb(184, 216, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 216, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 216, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 216, 203);  
box-shadow:4px 4px 4px 4px rgb(184, 216,  
203) }
```


Background

The CSS property to change the background color of an element to Yxy 63.6139, 0.2985, 0.3446 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 216, 203) }
```

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

```
.background{ background-color: rgb(184,  
216, 203) }
```

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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