

Converting Colors

$Yxy(66.2506, 0.2904, 0.3485)$

Have a look what the booklet for
Yxy(66.2506, 0.2904, 0.3485)
contains.

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Color

Yxy(66.3943, 0.2902, 0.3482)

Conversions

Conversions Part 1

Format	Color
Hex	AFDFCF
RGB	175, 223, 207
RGB Percent	69%, 87%, 81%
CMY	0.3137, 0.1255, 0.1881
CMYK	0.22, 0.00, 0.07, 0.13
HSL	160°, 43%, 78%
HSV	160°, 22%, 87%
XYZ	55.3349, 66.3943, 68.9494
YIQ	206.8240, -23.4720, -15.1520

Conversions

Conversions Part 2

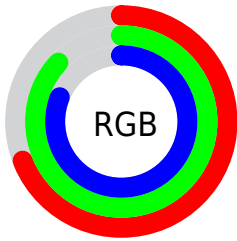
Format	Color
RYB	175, 204, 223
Decimal	11526095
CIELab	85.20, -18.69, 2.73
CIELCh	85, 18.893, 171.686
Yxy	66.3943, 0.2902, 0.3482
Android (android.graphics.Color)	4289716175 (0xFFAFDFCF)
YUV	206.8240, 0.0868, -27.9096
Hunter-Lab	81.4827, -21.3753, 6.8676

Details

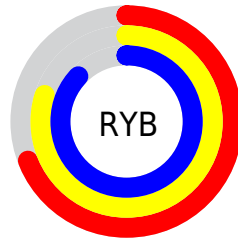
The Yxy color **66.3943, 0.2902, 0.3482** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **50.1157, 0.3420, 0.3106**, and the grayscale version is **62.2930, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.7289, 0.2982, 0.3290**, and **34.4427, 0.2848, 0.3531** is the 20% darker color. If you saturate the color by 10%, you get **63.6713, 0.2807, 0.3585**, and if you desaturate by 10%, it is **69.5659, 0.3004, 0.3388**.

Distribution



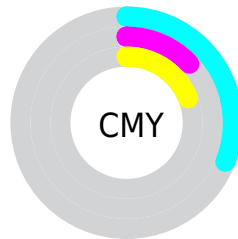
- Red (69%)
- Green (87%)
- Blue (81%)



- Red (69%)
- Yellow (80%)
- Blue (87%)



- Cyan (22%)
- Magenta (0%)
- Yellow (7%)
- Black (13%)




- Cyan (31%)
- Magenta (13%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 66.3943, 0.2902, 0.3482 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 66.3943, 0.2902, 0.3482 by changing the saturation by 10% instead.


 66.3943, 0.2902,
0.3482

 66.3943, 0.2902,
0.3482


447.7857, 0.3008,
0.3391

 48.5926, 0.2877,
0.3504


 114.0521, 0.2939,
0.3450

 34.2964, 0.2846,
0.3530


144.6769, 0.2954,
0.3437

 23.1214, 0.2806,
0.3565

180.3449, 0.2966,
0.3427

 14.6832, 0.2753,
0.3612

221.4404, 0.2977,
0.3418

 8.5973, 0.2680,
0.3677

268.3478, 0.2986,
0.3410

 4.4795, 0.2570,
0.3775

321.4516, 0.2994,

 1.9452, 0.2390,

0.3403

0.3940

381.1361, 0.3002,
0.3396

0.5754, 0.0822,
0.5224

0.0000, 0.0000,
0.0000

66.3943, 0.2902,
0.3482

66.3943, 0.2902,
0.3482

63.6713, 0.2807,
0.3585

69.5659, 0.3004,
0.3388

61.3676, 0.2722,
0.3697

73.1977, 0.3111,
0.3302

59.4631, 0.2651,
0.3815

77.3107, 0.3219,
0.3226

57.9325, 0.2596,
0.3939


80.1323, 0.3263,
0.3155

 56.7479, 0.2560,
0.4067


 80.5744, 0.3213,
0.3083

 55.8770, 0.2544,
0.4196

 81.0347, 0.3164,
0.3012

 55.2815, 0.2548,
0.4324

 81.2545, 0.3142,
0.2980

 54.9376, 0.2564,
0.4430

Harmonies

Analogous

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



66.3943, 0.3126, 0.3649



66.3943, 0.2902, 0.3482



66.3943, 0.2741, 0.3263

Triad

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



66.3943, 0.2902, 0.3482



66.3943, 0.2891, 0.2900



66.3943, 0.3594, 0.3492

Complementary

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



66.3943, 0.2902, 0.3482



50.1157, 0.3420, 0.3106

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.



66.3943, 0.3527, 0.3297



66.3943, 0.2902, 0.3482



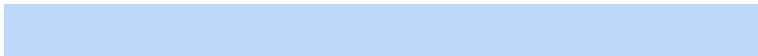
66.3943, 0.3114, 0.2964

Square

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



66.3943, 0.2902, 0.3482



66.3943, 0.2735, 0.2932



66.3943, 0.3349, 0.3107



66.3943, 0.3530, 0.3645

Rectangle

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



66.3943, 0.2902, 0.3482



66.3943, 0.2689, 0.3122



66.3943, 0.3349, 0.3107



66.3943, 0.3586, 0.3430

Sweetspot

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



66.3971, 0.2902, 0.3482



96.8892, 0.3062, 0.3340



66.9482, 0.3213, 0.3867



20.6688, 0.3055, 0.3345



0.0000, 0.0000, 0.0000



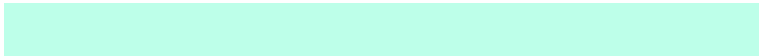
21.4041, 0.3127, 0.3290

Same Dimension

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



66.3971, 0.2902, 0.3482



88.1800, 0.2857, 0.3529



63.0454, 0.2801, 0.3194



15.4907, 0.3026, 0.3369



32.3248, 0.2559, 0.4411



2.2570, 0.2505, 0.4217

Inverse Universe

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



50.1157, 0.3420, 0.3106



62.2176, 0.3502, 0.3064



52.6567, 0.3542, 0.3384



13.7754, 0.3240, 0.3212



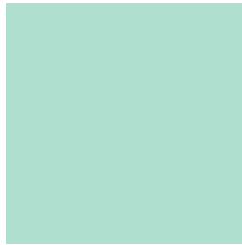
9.5354, 0.5634, 0.2877



0.6772, 0.5199, 0.2638

Previews

White Background



This preview shows how the Yxy color 66.3943, 0.2902, 0.3482 looks on a white background.

Color Contrast Check

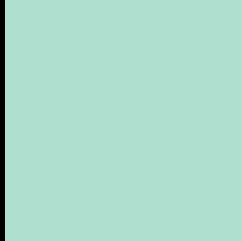
Large Text (above 18pt) WCAG AA × Fail

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 66.3943, 0.2902, 0.3482 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

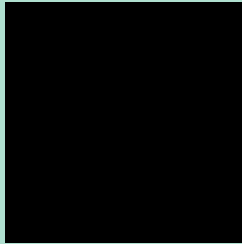
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

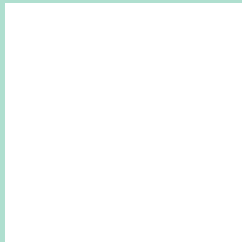
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 66.3943, 0.2902, 0.3482

Background



This preview shows how black text looks on a background with the Yxy color 66.3943, 0.2902, 0.3482.

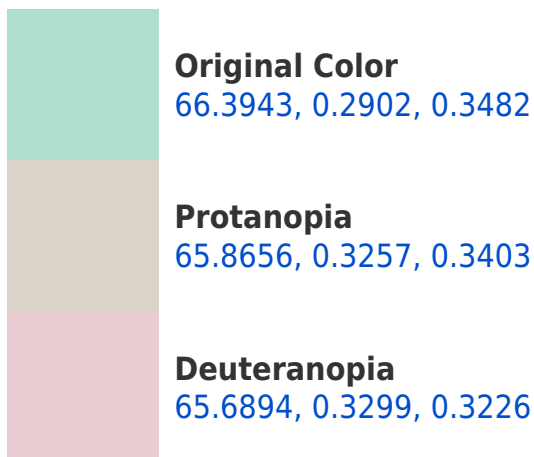


This preview shows how white text looks on a background with the Yxy color 66.3943, 0.2902, 0.3482.

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

66.5429, 0.2767, 0.3093

Trichromacy



Original Color

66.3943, 0.2902, 0.3482

Protanomaly

65.6092, 0.3121, 0.3429

Deuteranomaly

65.7372, 0.3141, 0.3313

Tritanomaly

66.2063, 0.2819, 0.3230

Monochromacy



Original Color

66.3943, 0.2902, 0.3482

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

63.6956, 0.3037, 0.3360

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.3943, 0.2902, 0.3482 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(175, 223, 207)` looks like.

```
.text, #text, p{  
    color:rgb(175, 223, 207)  
}
```

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(175, 223, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 223, 207) }
```

Border

The CSS property to change the border of an element to Yxy 66.3943, 0.2902, 0.3482 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(175, 223, 207) }
```

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

```
.border{ border-color:rgb(175, 223, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 223, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 223, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 223, 207);  
box-shadow:4px 4px 4px 4px rgb(175, 223,  
207) }
```


Background

The CSS property to change the background color of an element to Yxy 66.3943, 0.2902, 0.3482 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 223, 207) }
```

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

```
.background{ background-color: rgb(175,  
223, 207) }
```

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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