

Converting Colors

$Yxy(43.1127, 0.2937, 0.3783)$

Have a look what the booklet for
Yxy(43.1127, 0.2937, 0.3783)
contains.

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Color

Yxy(43.3195, 0.2932, 0.3784)

Conversions

Conversions Part 1

Format	Color
Hex	85BC9B
RGB	133, 188, 155
RGB Percent	52%, 74%, 61%
CMY	0.4786, 0.2627, 0.3922
CMYK	0.29, 0.00, 0.18, 0.26
HSL	144°, 29%, 63%
HSV	144°, 29%, 74%
XYZ	33.5657, 43.3195, 37.5955
YIQ	167.7930, -22.1870, -21.9230

Conversions

Conversions Part 2

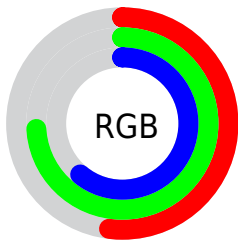
Format	Color
RYB	133, 172, 188
Decimal	8764571
CIELab	71.77, -24.91, 11.02
CIELCh	72, 27.235, 156.133
Yxy	43.3195, 0.2932, 0.3784
Android (android.graphics.Color)	4286954651 (0xFF85BC9B)
YUV	167.7930, -6.3069, -30.5135
Hunter-Lab	65.8176, -24.1490, 12.2054

Details

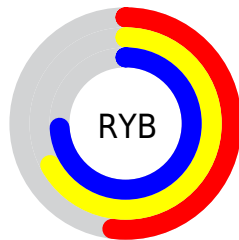
The Yxy color **43.3195, 0.2932, 0.3784** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **30.2081, 0.3390, 0.2844**, and the grayscale version is **39.0864, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.8696, 0.2971, 0.3688**, and **19.7990, 0.2862, 0.3930** is the 20% darker color. If you saturate the color by 10%, you get **41.5648, 0.2874, 0.3988**, and if you desaturate by 10%, it is **45.3871, 0.2996, 0.3598**.

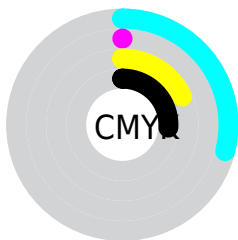
Distribution



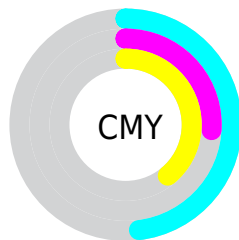
- Red (52%)
- Green (74%)
- Blue (61%)



- Red (52%)
- Yellow (67%)
- Blue (74%)



- Cyan (29%)
- Magenta (0%)
- Yellow (18%)
- Black (26%)





- Cyan (48%)
- Magenta (26%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.3195, 0.2932, 0.3784 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 43.3195, 0.2932, 0.3784 by changing the saturation by 10% instead.


 43.3195, 0.2932,
0.3784


 43.3195, 0.2932,
0.3784


359.9241, 0.3035,
0.3526

 30.1359, 0.2905,
0.3852


 80.1928, 0.2971,
0.3687

 19.9417, 0.2868,
0.3943


 104.6512, 0.2985,
0.3652

 12.3527, 0.2818,
0.4067


 133.6367, 0.2997,
0.3622

 6.9844, 0.2743,
0.4249

167.5337, 0.3007,
0.3597

 3.4523, 0.2623,
0.4541

206.7265, 0.3015,
0.3575

 1.3722, 0.2379,
0.5176

251.5996, 0.3023,

 0.1961, 0.0000,

0.3557

1.0000

302.5373, 0.3029,
0.3540

0.0000, 0.0000,
0.0000

43.3195, 0.2932,
0.3784

43.3195, 0.2932,
0.3784

41.5648, 0.2874,
0.3988

45.3871, 0.2996,
0.3598

40.1019, 0.2825,
0.4206

47.7766, 0.3063,
0.3430

38.9157, 0.2789,
0.4435


50.5034, 0.3132,
0.3280


37.9875, 0.2768,
0.4668


53.5802, 0.3200,
0.3147

37.2959, 0.2765,
0.4898


57.0191, 0.3267,
0.3031

 36.8160, 0.2781,
0.5116


 60.8315, 0.3331,
0.2929

 36.5035, 0.2811,
0.5315

 63.1692, 0.3317,
0.2829

 36.4836, 0.2813,
0.5328

 63.8380, 0.3230,
0.2723

 64.4525, 0.3158,
0.2634

Harmonies

Analogous

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



43.3195, 0.3319, 0.3977



43.3195, 0.2932, 0.3784



43.3195, 0.2611, 0.3432

Triad

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



43.3195, 0.2932, 0.3784



43.3195, 0.2589, 0.2662



43.3195, 0.3878, 0.3444

Complementary

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



43.3195, 0.2932, 0.3784



30.2081, 0.3390, 0.2844

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.



43.3195, 0.3658, 0.3128



43.3195, 0.2932, 0.3784



43.3195, 0.2900, 0.2693

Square

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



43.3195, 0.2932, 0.3784



43.3195, 0.2423, 0.2786



43.3195, 0.3293, 0.2861



43.3195, 0.3879, 0.3744

Rectangle

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



43.3195, 0.2932, 0.3784



43.3195, 0.2472, 0.3178



43.3195, 0.3293, 0.2861



43.3195, 0.3827, 0.3337

Sweetspot

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



43.3213, 0.2932, 0.3784



86.6376, 0.3064, 0.3428



45.7705, 0.3366, 0.4061



18.4869, 0.3054, 0.3451



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



43.3213, 0.2932, 0.3784



76.4353, 0.2895, 0.3910



44.3537, 0.2745, 0.3368



10.7112, 0.3063, 0.3431



24.8497, 0.2807, 0.5305



0.9864, 0.2669, 0.4809

Inverse Universe

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



30.2081, 0.3390, 0.2844



48.8930, 0.3465, 0.2745



29.3038, 0.3702, 0.3215



9.6299, 0.3197, 0.3153



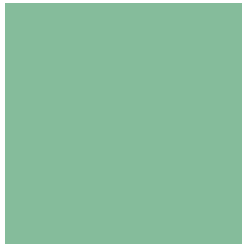
8.1026, 0.4522, 0.2265



0.3300, 0.4128, 0.2048

Previews

White Background



This preview shows how the Yxy color 43.3195, 0.2932, 0.3784 looks on a white background.

Color Contrast Check

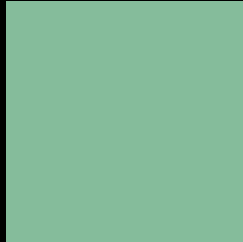
Large Text (above 18pt) WCAG AA × Fail

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 43.3195, 0.2932, 0.3784 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

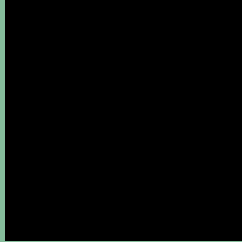
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.3195, 0.2932, 0.3784

Background



This preview shows how black text looks on a background with the Yxy color 43.3195, 0.2932, 0.3784.



This preview shows how white text looks on a background with the Yxy color 43.3195, 0.2932, 0.3784.

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



Original Color

43.3195, 0.2932, 0.3784

Protanopia

42.9884, 0.3439, 0.3655

Deuteranopia

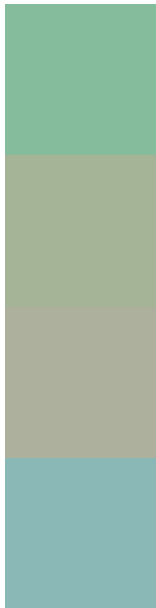
42.8849, 0.3488, 0.3420



Tritanopia

43.1498, 0.2697, 0.3080

Trichromacy



Original Color

43.3195, 0.2932, 0.3784

Protanomaly

42.8762, 0.3230, 0.3700

Deuteranomaly

42.5180, 0.3258, 0.3538

Tritanomaly

43.0617, 0.2779, 0.3318

Monochromacy



Original Color

43.3195, 0.2932, 0.3784

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

40.2729, 0.3049, 0.3463

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.3195, 0.2932, 0.3784 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(133, 188, 155)` looks like.

```
.text, #text, p{  
    color:rgb(133, 188, 155)  
}
```

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(133, 188, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 188, 155) }
```

Border

The CSS property to change the border of an element to Yxy 43.3195, 0.2932, 0.3784 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(133, 188, 155) }
```

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

```
.border{ border-color:rgb(133, 188, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 188, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 188, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 188, 155);  
box-shadow:4px 4px 4px 4px rgb(133, 188,  
155) }
```


Background

The CSS property to change the background color of an element to Yxy 43.3195, 0.2932, 0.3784 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 188, 155) }
```

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

```
.background{ background-color: rgb(133,  
188, 155) }
```

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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