

Converting Colors

$Yxy(44.5187, 0.2849, 0.3730)$

Have a look what the booklet for
Yxy(44.5187, 0.2849, 0.3730)
contains.

Yxy(44.3823, 0.2843, 0.3722)	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(44.3823, 0.2843, 0.3722)

Conversions

Conversions Part 1

Format	Color
Hex	7FBFA2
RGB	127, 191, 162
RGB Percent	50%, 75%, 64%
CMY	0.5021, 0.2509, 0.3647
CMYK	0.34, 0.00, 0.15, 0.25
HSL	153°, 33%, 62%
HSV	153°, 34%, 75%
XYZ	33.9008, 44.3823, 40.9600
YIQ	168.5580, -28.8350, -22.5870

Conversions

Conversions Part 2

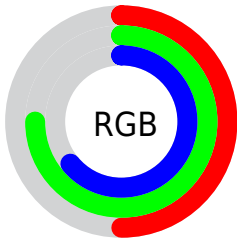
Format	Color
RYB	127, 168, 191
Decimal	8372130
CIELab	72.48, -26.80, 8.18
CIElCh	72, 28.024, 163.027
Yxy	44.3823, 0.2843, 0.3722
Android (android.graphics.Color)	4286562210 (0xFF7FBFA2)
YUV	168.5580, -3.2331, -36.4464
Hunter-Lab	66.6200, -25.7521, 10.1807

Details

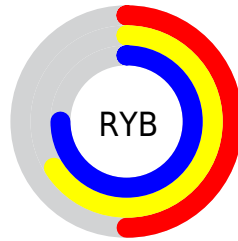
The Yxy color **44.3823, 0.2843, 0.3722** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **28.6481, 0.3548, 0.2898**, and the grayscale version is **39.4710, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.0896, 0.2899, 0.3640**, and **20.5130, 0.2760, 0.3862** is the 20% darker color. If you saturate the color by 10%, you get **42.7571, 0.2773, 0.3878**, and if you desaturate by 10%, it is **46.3103, 0.2922, 0.3578**.

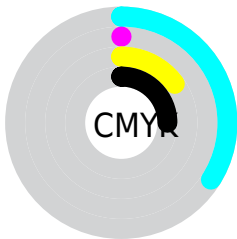
Distribution



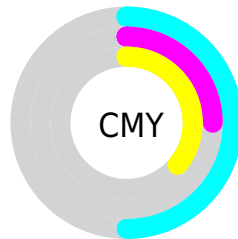
- Red (50%)
- Green (75%)
- Blue (64%)



- Red (50%)
- Yellow (66%)
- Blue (75%)



- Cyan (34%)
- Magenta (0%)
- Yellow (15%)
- Black (25%)




- Cyan (50%)
- Magenta (25%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.3823, 0.2843, 0.3722 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 44.3823, 0.2843, 0.3722 by changing the saturation by 10% instead.

 44.3823, 0.2843,
0.3722

 44.3823, 0.2843,
0.3722


364.2661, 0.2989,
0.3498


 30.9712, 0.2805,
0.3781


 81.7927, 0.2897,
0.3639

 20.5769, 0.2756,
0.3858


 106.5608, 0.2917,
0.3608

 12.8151, 0.2689,
0.3963


 135.8833, 0.2934,
0.3582

 7.3013, 0.2592,
0.4117

170.1446, 0.2948,
0.3560

 3.6513, 0.2442,
0.4359

209.7291, 0.2961,
0.3541

 1.4805, 0.2146,
0.4818

255.0213, 0.2971,

 0.2749, 0.0000,

0.3525

1.0000

306.4055, 0.2981,
0.3511

■ 0.0000, 0.0000,
0.0000

■ 44.3823, 0.2843,
0.3722

■ 44.3823, 0.2843,
0.3722

■ 42.7571, 0.2773,
0.3878

■ 46.3103, 0.2922,
0.3578

■ 41.4131, 0.2716,
0.4043

■ 48.5506, 0.3007,
0.3447

■ 40.3343, 0.2674,
0.4216

■ 51.1189, 0.3095,
0.3329


■ 39.5008, 0.2651,
0.4393


■ 54.0283, 0.3185,
0.3223


■ 38.8899, 0.2647,
0.4570

■ 57.2911, 0.3275,
0.3129


 38.4742, 0.2663,
0.4742

 60.9189, 0.3363,
0.3047

 38.2751, 0.2680,
0.4849

 63.8306, 0.3403,
0.2970

 64.3082, 0.3335,
0.2885

 64.8100, 0.3268,
0.2802

Harmonies

Analogous

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



44.3823, 0.3231, 0.3967



44.3823, 0.2843, 0.3722



44.3823, 0.2544, 0.3344

Triad

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



44.3823, 0.2843, 0.3722



44.3823, 0.2640, 0.2644



44.3823, 0.3915, 0.3520

Complementary

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



44.3823, 0.2843, 0.3722



28.6481, 0.3548, 0.2898

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.



44.3823, 0.3738, 0.3196



44.3823, 0.2843, 0.3722



44.3823, 0.2983, 0.2710

Square

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



44.3823, 0.2843, 0.3722



44.3823, 0.2433, 0.2732



44.3823, 0.3389, 0.2908



44.3823, 0.3862, 0.3813

Rectangle

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



44.3823, 0.2843, 0.3722



44.3823, 0.2428, 0.3091



44.3823, 0.3389, 0.2908



44.3823, 0.3880, 0.3412

Sweetspot

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



44.3841, 0.2843, 0.3722



88.4272, 0.3036, 0.3406



45.9510, 0.3324, 0.4204



19.2785, 0.3024, 0.3423



97.7402, 0.3127, 0.3290



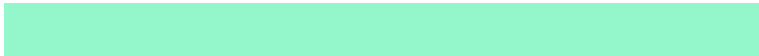
20.4902, 0.3127, 0.3290

Same Dimension

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



44.3841, 0.2843, 0.3722



77.3592, 0.2792, 0.3832



44.6132, 0.2653, 0.3258



10.7346, 0.3044, 0.3396



25.1674, 0.2674, 0.4827



0.9989, 0.2561, 0.4421

Inverse Universe

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



28.6481, 0.3548, 0.2898



45.0072, 0.3675, 0.2813



28.3370, 0.3890, 0.3322



9.6063, 0.3219, 0.3186



7.7423, 0.5131, 0.2600



0.3165, 0.4555, 0.2283

Previews

White Background



This preview shows how the Yxy color 44.3823, 0.2843, 0.3722 looks on a white background.

Color Contrast Check

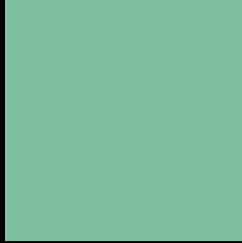
Large Text (above 18pt) WCAG AA × Fail

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 44.3823, 0.2843, 0.3722 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 44.3823, 0.2843, 0.3722

Background



This preview shows how black text looks on a background with the Yxy color 44.3823, 0.2843, 0.3722.

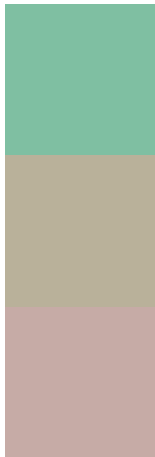


This preview shows how white text looks on a background with the Yxy color 44.3823, 0.2843, 0.3722.

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

44.3823, 0.2843, 0.3722

Protanopia

44.0917, 0.3392, 0.3598

Deuteranopia

43.8848, 0.3420, 0.3355



Tritanopia

44.4388, 0.2644, 0.3094

Trichromacy



Original Color

44.3823, 0.2843, 0.3722

Protanomaly

43.7827, 0.3170, 0.3641

Deuteranomaly

43.3281, 0.3180, 0.3468

Tritanomaly

44.4171, 0.2716, 0.3317

Monochromacy



Original Color

44.3823, 0.2843, 0.3722

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

41.0675, 0.3017, 0.3448

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.3823, 0.2843, 0.3722 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(127, 191, 162)` looks like.

```
.text, #text, p{  
    color:rgb(127, 191, 162)  
}
```

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(127, 191, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 191, 162) }
```

Border

The CSS property to change the border of an element to Yxy 44.3823, 0.2843, 0.3722 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(127, 191, 162) }
```

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

```
.border{ border-color:rgb(127, 191, 162) }
```

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

Here you see how a box with a 4 pixel rgb(127, 191, 162) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 191, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 191, 162);  
box-shadow:4px 4px 4px 4px rgb(127, 191,  
162) }
```


Background

The CSS property to change the background color of an element to Yxy 44.3823, 0.2843, 0.3722 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 191, 162) }
```

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

```
.background{ background-color: rgb(127,  
191, 162) }
```

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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