

Converting Colors

$Yxy(44.4156, 0.2787, 0.3579)$

Have a look what the booklet for
Yxy(44.4156, 0.2787, 0.3579)
contains.

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Color

Yxy(44.2792, 0.2782, 0.3569)

Conversions

Conversions Part 1

Format	Color
Hex	7FBEAB
RGB	127, 190, 171
RGB Percent	50%, 75%, 67%
CMY	0.5021, 0.2549, 0.3293
CMYK	0.33, 0.00, 0.10, 0.25
HSL	162°, 33%, 62%
HSV	162°, 33%, 75%
XYZ	34.5152, 44.2792, 45.2717
YIQ	168.9970, -31.4490, -19.2650

Conversions

Conversions Part 2

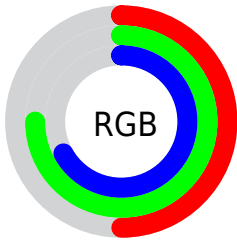
Format	Color
RYB	127, 164, 190
Decimal	8371883
CIELab	72.41, -24.38, 3.16
CIElCh	72, 24.583, 172.603
Yxy	44.2792, 0.2782, 0.3569
Android (android.graphics.Color)	4286561963 (0xFF7FBEAB)
YUV	168.9970, 0.9875, -36.8314
Hunter-Lab	66.5426, -23.8629, 6.2424

Details

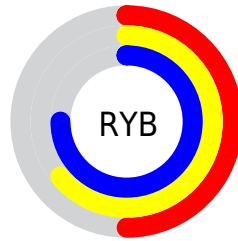
The Yxy color **44.2792, 0.2782, 0.3569** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **28.1920, 0.3656, 0.3031**, and the grayscale version is **39.6797, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.9576, 0.2851, 0.3525**, and **20.4361, 0.2681, 0.3644** is the 20% darker color. If you saturate the color by 10%, you get **42.7441, 0.2697, 0.3669**, and if you desaturate by 10%, it is **46.1025, 0.2878, 0.3476**.

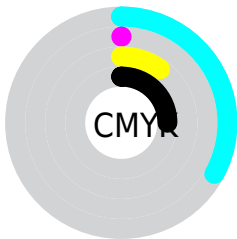
Distribution



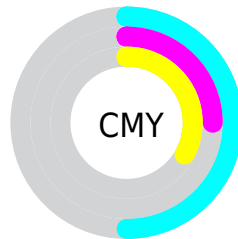
- Red (50%)
- Green (75%)
- Blue (67%)



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



- Cyan (33%)
- Magenta (0%)
- Yellow (10%)
- Black (25%)




- Cyan (50%)
- Magenta (25%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.2792, 0.2782, 0.3569 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 44.2792, 0.2782, 0.3569 by changing the saturation by 10% instead.


 44.2792, 0.2782,
0.3569

 44.2792, 0.2782,
0.3569


363.8464, 0.2957,
0.3426


 30.8901, 0.2738,
0.3606


 81.6377, 0.2846,
0.3516

 20.5152, 0.2680,
0.3653


 106.3759, 0.2870,
0.3497

 12.7701, 0.2604,
0.3718


 135.6658, 0.2890,
0.3481

 7.2704, 0.2495,
0.3810

169.8920, 0.2907,
0.3467

 3.6318, 0.2330,
0.3953

209.4387, 0.2922,
0.3454

 1.4698, 0.2037,
0.4210

254.6904, 0.2935,

 0.2673, 0.0000,

0.3444

0.7929


306.0315, 0.2947,
0.3435


 0.0000, 0.0000,
0.0000

 44.2792, 0.2782,
0.3569


 44.2792, 0.2782,
0.3569

 42.7441, 0.2697,
0.3669


 46.1025, 0.2878,
0.3476


 41.4760, 0.2625,
0.3775


 48.2228, 0.2982,
0.3391

 40.4597, 0.2570,
0.3885


 50.6556, 0.3092,
0.3313

 39.6759, 0.2533,
0.3998


 53.4132, 0.3204,
0.3243

 39.1026, 0.2516,
0.4113


 56.5077, 0.3316,
0.3181

 38.7133, 0.2519,
0.4226

 59.9502, 0.3428,
0.3126

 38.5183, 0.2529,
0.4303

 62.7963, 0.3497,
0.3075

 63.0884, 0.3450,
0.3017

 63.3908, 0.3404,
0.2960

Harmonies

Analogous

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



44.2792, 0.3109, 0.3830



44.2792, 0.2782, 0.3569



44.2792, 0.2555, 0.3231

Triad

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



44.2792, 0.2782, 0.3569



44.2792, 0.2784, 0.2722



44.2792, 0.3825, 0.3586

Complementary

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



44.2792, 0.2782, 0.3569



28.1920, 0.3656, 0.3031

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.



44.2792, 0.3732, 0.3301



44.2792, 0.2782, 0.3569



44.2792, 0.3115, 0.2821

Square

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



44.2792, 0.2782, 0.3569



44.2792, 0.2556, 0.2758



44.2792, 0.3466, 0.3028



44.2792, 0.3719, 0.3817

Rectangle

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



44.2792, 0.2782, 0.3569



44.2792, 0.2484, 0.3024



44.2792, 0.3466, 0.3028



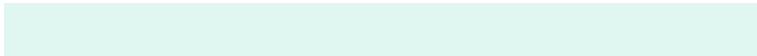
44.2792, 0.3817, 0.3494

Sweetspot

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



44.2810, 0.2782, 0.3569



88.6483, 0.3015, 0.3366



44.5579, 0.3242, 0.4216



19.3335, 0.3000, 0.3378



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.



44.2810, 0.2782, 0.3569



78.1095, 0.2717, 0.3643



40.2476, 0.2640, 0.3120



10.7593, 0.3024, 0.3360



25.6249, 0.2524, 0.4288



1.0148, 0.2450, 0.4019

Inverse Universe

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



28.1920, 0.3656, 0.3031



44.3685, 0.3830, 0.2971



30.8075, 0.3835, 0.3452



9.5824, 0.3242, 0.3221



7.4892, 0.5730, 0.2930



0.3053, 0.5028, 0.2543

Previews

White Background



This preview shows how the Yxy color 44.2792, 0.2782, 0.3569 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 44.2792, 0.2782, 0.3569 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

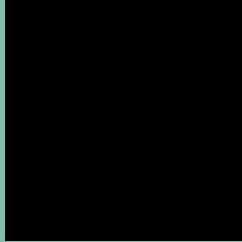
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.2792, 0.2782, 0.3569

Background



This preview shows how black text looks on a background with the Yxy color 44.2792, 0.2782, 0.3569.

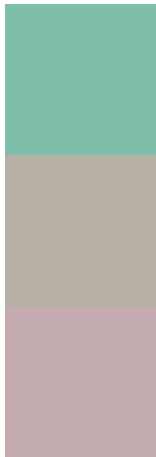


This preview shows how white text looks on a background with the Yxy color 44.2792, 0.2782, 0.3569.

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

44.2792, 0.2782, 0.3569

Protanopia

43.7983, 0.3290, 0.3451

Deuteranopia

43.8231, 0.3312, 0.3239



Tritanopia

44.4032, 0.2631, 0.3080

Trichromacy



Original Color

44.2792, 0.2782, 0.3569

Protanomaly

43.6243, 0.3084, 0.3485

Deuteranomaly

43.4428, 0.3090, 0.3344

Tritanomaly

44.0836, 0.2682, 0.3246

Monochromacy



Original Color

44.2792, 0.2782, 0.3569

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

41.2166, 0.2986, 0.3390

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.2792, 0.2782, 0.3569 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, 190, 171)` looks like.

```
.text, #text, p{  
    color:rgb(127, 190, 171)  
}
```

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, 190, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 190, 171) }
```

Border

The CSS property to change the border of an element to Yxy 44.2792, 0.2782, 0.3569 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, 190, 171) }
```

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

```
.border{ border-color:rgb(127, 190, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 190, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 190, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 190, 171);  
box-shadow:4px 4px 4px 4px rgb(127, 190,  
171) }
```


Background

The CSS property to change the background color of an element to Yxy 44.2792, 0.2782, 0.3569 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 190, 171) }
```

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

```
.background{ background-color: rgb(127,  
190, 171) }
```

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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