

Converting Colors

$Yxy(43.9751, 0.2586, 0.3298)$

Have a look what the booklet for
Yxy(43.9751, 0.2586, 0.3298)
contains.

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Color

Yxy(44.0784, 0.2588, 0.3303)

Conversions

Conversions Part 1

Format	Color
Hex	72BEBD
RGB	114, 190, 189
RGB Percent	45%, 75%, 74%
CMY	0.5530, 0.2549, 0.2588
CMYK	0.40, 0.00, 0.01, 0.25
HSL	179°, 37%, 60%
HSV	179°, 40%, 75%
XYZ	34.5368, 44.0784, 54.8344
YIQ	167.1620, -44.9750, -16.4230

Conversions

Conversions Part 2

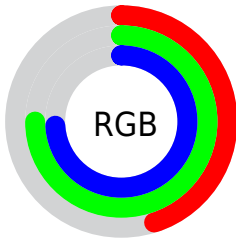
Format	Color
RYB	114, 152, 190
Decimal	7519933
CIELab	72.28, -23.73, -6.91
CIElCh	72, 24.713, 196.243
Yxy	44.0784, 0.2588, 0.3303
Android (android.graphics.Color)	4285710013 (0xFF72BEBD)
YUV	167.1620, 10.7661, -46.6231
Hunter-Lab	66.3916, -23.3299, -2.4950

Details

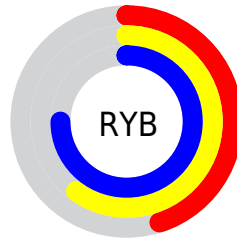
The Yxy color **44.0784, 0.2588, 0.3303** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **24.2165, 0.4109, 0.3279**, and the grayscale version is **38.6887, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.6601, 0.2689, 0.3311**, and **20.3157, 0.2436, 0.3288** is the 20% darker color. If you saturate the color by 10%, you get **42.9250, 0.2488, 0.3307**, and if you desaturate by 10%, it is **45.5000, 0.2705, 0.3299**.

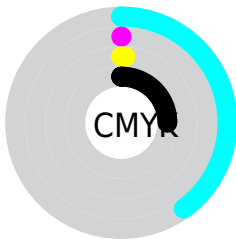
Distribution



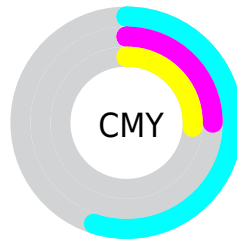
- Red (45%)
- Green (75%)
- Blue (74%)



- Red (45%)
- Yellow (60%)
- Blue (75%)



- Cyan (40%)
- Magenta (0%)
- Yellow (1%)
- Black (25%)




- Cyan (55%)
- Magenta (25%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.0784, 0.2588, 0.3303 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 44.0784, 0.2588, 0.3303 by changing the saturation by 10% instead.


 44.0784, 0.2588,
0.3303


 44.0784, 0.2588,
0.3303


363.0281, 0.2856,
0.3301


 30.7321, 0.2522,
0.3302


 81.3357, 0.2685,
0.3304

 20.3950, 0.2437,
0.3300


 106.0155, 0.2721,
0.3303

 12.6825, 0.2325,
0.3295


 135.2420, 0.2752,
0.3303

 7.2103, 0.2171,
0.3285

169.3996, 0.2779,
0.3303

 3.5939, 0.1947,
0.3263

208.8726, 0.2802,
0.3302

 1.4491, 0.1581,
0.3213

254.0454, 0.2822,

 0.2525, 0.0000,

0.3302

0.2498

305.3024, 0.2840,
0.3302

0.0000, 0.0000,
0.0000

44.0784, 0.2588,
0.3303

44.0784, 0.2588,
0.3303

42.9250, 0.2488,
0.3307

45.5000, 0.2705,
0.3299

42.0179, 0.2405,
0.3311

47.1995, 0.2835,
0.3296

41.3406, 0.2342,
0.3315


49.1928, 0.2977,
0.3293

40.8722, 0.2297,
0.3319

51.4928, 0.3127,
0.3290


40.5880, 0.2271,
0.3323


54.1117, 0.3282,
0.3288

 40.4390, 0.2258,
0.3327

 57.0612, 0.3440,
0.3285

 60.3523, 0.3599,
0.3283

 61.8512, 0.3664,
0.3281

 61.8622, 0.3661,
0.3279

Harmonies

Analogous

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



44.0784, 0.2843, 0.3637



44.0784, 0.2588, 0.3303



44.0784, 0.2474, 0.2988

Triad

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



44.0784, 0.2588, 0.3303



44.0784, 0.3039, 0.2786



44.0784, 0.3761, 0.3780

Complementary

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



44.0784, 0.2588, 0.3303



24.2165, 0.4109, 0.3279

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.



44.0784, 0.3827, 0.3529



44.0784, 0.2588, 0.3303



44.0784, 0.3397, 0.2975

Square

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



44.0784, 0.2588, 0.3303



44.0784, 0.2723, 0.2714



44.0784, 0.3692, 0.3240



44.0784, 0.3522, 0.3915

Rectangle

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



44.0784, 0.2588, 0.3303



44.0784, 0.2488, 0.2835



44.0784, 0.3692, 0.3240



44.0784, 0.3805, 0.3705

Sweetspot

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



44.0801, 0.2588, 0.3303



88.3030, 0.2945, 0.3294



41.7059, 0.3080, 0.4498



19.2823, 0.2926, 0.3294



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.



44.0801, 0.2588, 0.3303



78.0142, 0.2499, 0.3306



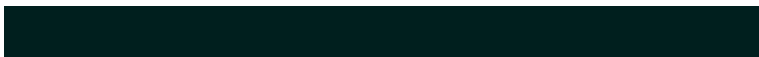
30.1627, 0.2494, 0.2720



10.8073, 0.2987, 0.3293



26.8889, 0.2258, 0.3327



1.0540, 0.2255, 0.3317

Inverse Universe

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



24.2165, 0.4109, 0.3279



37.0556, 0.4451, 0.3277



34.2082, 0.3915, 0.3794



9.5384, 0.3286, 0.3287



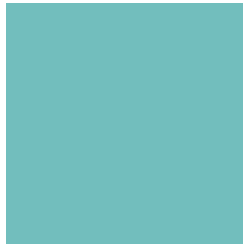
7.2838, 0.6384, 0.3290



0.2860, 0.6319, 0.3255

Previews

White Background



This preview shows how the Yxy color 44.0784, 0.2588, 0.3303 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 44.0784, 0.2588, 0.3303 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

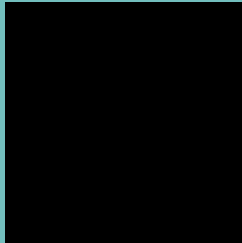
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

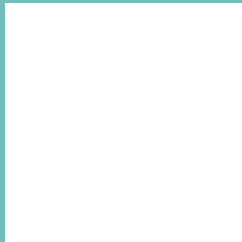
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.0784, 0.2588, 0.3303

Background



This preview shows how black text looks on a background with the Yxy color 44.0784, 0.2588, 0.3303.

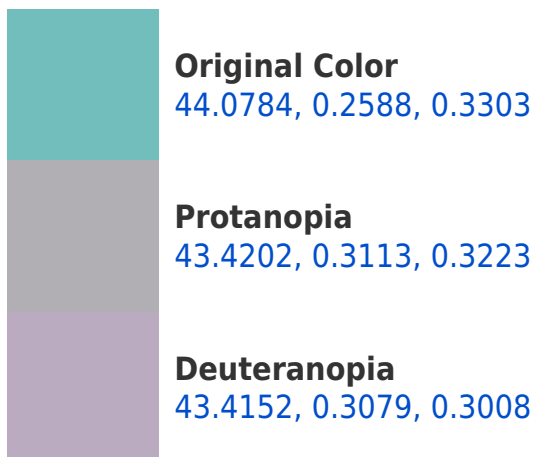


This preview shows how white text looks on a background with the Yxy color 44.0784, 0.2588, 0.3303.

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

44.1298, 0.2526, 0.3076

Trichromacy



Original Color

44.0784, 0.2588, 0.3303

Protanomaly

43.0300, 0.2897, 0.3248

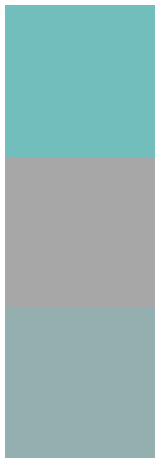
Deuteranomaly

43.1201, 0.2870, 0.3099

Tritanomaly

44.2543, 0.2551, 0.3160

Monochromacy



Original Color

44.0784, 0.2588, 0.3303

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

40.0510, 0.2898, 0.3289

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.0784, 0.2588, 0.3303 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(114, 190, 189)` looks like.

```
.text, #text, p{  
    color:rgb(114, 190, 189)  
}
```

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(114, 190, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 190, 189) }
```

Border

The CSS property to change the border of an element to Yxy 44.0784, 0.2588, 0.3303 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(114, 190, 189) }
```

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

```
.border{ border-color:rgb(114, 190, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 190, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 190, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 190, 189);  
box-shadow:4px 4px 4px 4px rgb(114, 190,  
189) }
```


Background

The CSS property to change the background color of an element to Yxy 44.0784, 0.2588, 0.3303 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 190, 189) }
```

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

```
.background{ background-color: rgb(114,  
190, 189) }
```

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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