

Converting Colors

$Y_{xy}(44.1395, 0.2673, 0.3274)$

Have a look what the booklet for
Yxy(44.1395, 0.2673, 0.3274)
contains.

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Color

Yxy(44.2298, 0.2670, 0.3274)

Conversions

Conversions Part 1

Format	Color
Hex	80BCBD
RGB	128, 188, 189
RGB Percent	50%, 74%, 74%
CMY	0.4981, 0.2627, 0.2587
CMYK	0.32, 0.01, 0.00, 0.26
HSL	181°, 32%, 62%
HSV	181°, 32%, 74%
XYZ	36.0701, 44.2298, 54.7942
YIQ	170.1740, -36.0810, -12.4090

Conversions

Conversions Part 2

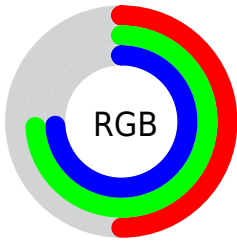
Format	Color
R_{YB}	128, 158, 189
Decimal	8436925
CIE _{Lab}	72.38, -18.96, -6.70
CIE _{LCh}	72, 20.107, 199.463
Yxy	44.2298, 0.2670, 0.3274
Android (android.graphics.Color)	4286627005 (0xFF80BCBD)
YUV	170.1740, 9.2812, -36.9866
Hunter-Lab	66.5055, -19.5728, -2.2954

Details

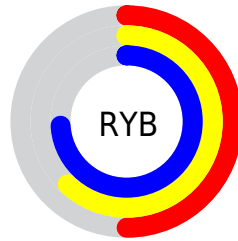
The Yxy color **44.2298, 0.2670, 0.3274** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **28.0804, 0.3855, 0.3306**, and the grayscale version is **40.2553, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.3612, 0.2754, 0.3278**, and **20.6014, 0.2540, 0.3268** is the 20% darker color. If you saturate the color by 10%, you get **42.7652, 0.2554, 0.3269**, and if you desaturate by 10%, it is **45.9713, 0.2800, 0.3279**.

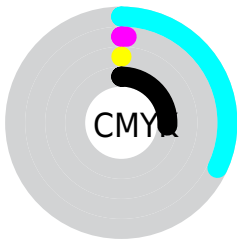
Distribution



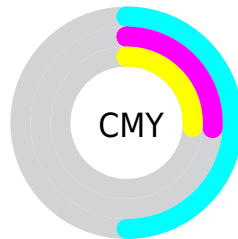
- Red (50%)
- Green (74%)
- Blue (74%)



- Red (50%)
- Yellow (62%)
- Blue (74%)



- Cyan (32%)
- Magenta (1%)
- Yellow (0%)
- Black (26%)





- Cyan (50%)
- Magenta (26%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.2298, 0.2670, 0.3274 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 44.2298, 0.2670, 0.3274 by changing the saturation by 10% instead.


 44.2298, 0.2670,
0.3274

 44.2298, 0.2670,
0.3274

363.6452, 0.2898,
0.3286


 30.8512, 0.2614,
0.3270


 81.5634, 0.2752,
0.3279

 20.4856, 0.2541,
0.3264


 106.2872, 0.2784,
0.3281

 12.7485, 0.2446,
0.3255

 135.5616, 0.2810,
0.3282

 7.2556, 0.2313,
0.3239

169.7709, 0.2832,
0.3283

 3.6225, 0.2119,
0.3211

209.2995, 0.2852,
0.3284

 1.4647, 0.1807,
0.3151

254.5318, 0.2869,

 0.2637, 0.0000,

0.3285

0.2587

305.8523, 0.2884,
0.3285

0.0000, 0.0000,
0.0000

44.2298, 0.2670,
0.3274

44.2298, 0.2670,
0.3274

42.7652, 0.2554,
0.3269

45.9713, 0.2800,
0.3279

41.5570, 0.2455,
0.3263

47.9983, 0.2942,
0.3284

40.5902, 0.2374,
0.3257

50.3257, 0.3092,
0.3289

39.8462, 0.2313,
0.3252

52.9658, 0.3248,
0.3293

39.3038, 0.2270,
0.3246

55.9301, 0.3407,
0.3297

■ 38.9372, 0.2244,
0.3241

■ 59.2296, 0.3566,
0.3301

■ 38.7367, 0.2232,
0.3237

■ 61.8563, 0.3680,
0.3304

■ 61.9935, 0.3679,
0.3307

■ 62.1310, 0.3678,
0.3311

Harmonies

Analogous

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



44.2298, 0.2871, 0.3544



44.2298, 0.2670, 0.3274



44.2298, 0.2589, 0.3025

Triad

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



44.2298, 0.2670, 0.3274



44.2298, 0.3088, 0.2888



44.2298, 0.3629, 0.3709

Complementary

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



44.2298, 0.2670, 0.3274



28.0804, 0.3855, 0.3306

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.



44.2298, 0.3697, 0.3515



44.2298, 0.2670, 0.3274



44.2298, 0.3377, 0.3053

Square

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



44.2298, 0.2670, 0.3274



44.2298, 0.2822, 0.2817



44.2298, 0.3604, 0.3278



44.2298, 0.3424, 0.3799

Rectangle

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



44.2298, 0.2670, 0.3274



44.2298, 0.2610, 0.2904



44.2298, 0.3604, 0.3278



44.2298, 0.3669, 0.3653

Sweetspot

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



44.2316, 0.2670, 0.3274



86.7828, 0.2973, 0.3285



42.5787, 0.3076, 0.4216



18.5422, 0.2952, 0.3285



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.



44.2316, 0.2670, 0.3274



77.2243, 0.2584, 0.3270



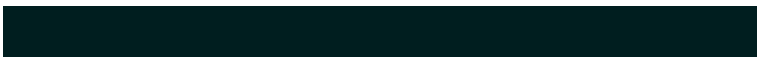
32.5412, 0.2614, 0.2815



10.7814, 0.2985, 0.3286



26.0673, 0.2233, 0.3237



1.0299, 0.2236, 0.3250

Inverse Universe

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



29.8861, 0.3175, 0.2511



47.4588, 0.3186, 0.2341



37.3555, 0.3723, 0.3721



9.6935, 0.3140, 0.3068



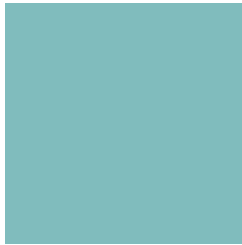
9.6612, 0.3251, 0.1564



0.3793, 0.3240, 0.1559

Previews

White Background



This preview shows how the Yxy color 44.2298, 0.2670, 0.3274 looks on a white background.

Color Contrast Check

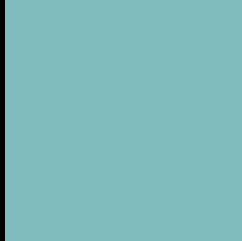
Large Text (above 18pt) WCAG AA × Fail

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 44.2298, 0.2670, 0.3274 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

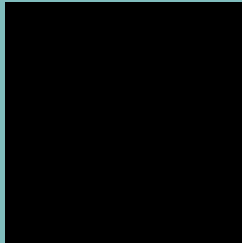
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

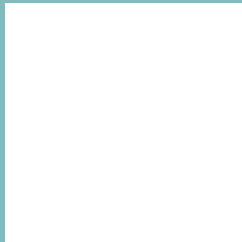
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.2298, 0.2670, 0.3274

Background



This preview shows how black text looks on a background with the Yxy color 44.2298, 0.2670, 0.3274.

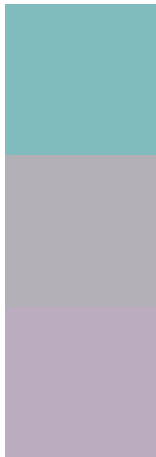


This preview shows how white text looks on a background with the Yxy color 44.2298, 0.2670, 0.3274.

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

44.2298, 0.2670, 0.3274

Protanopia

43.8930, 0.3096, 0.3210

Deuteranopia

43.8756, 0.3095, 0.3034



Tritanopia

44.1602, 0.2612, 0.3079

Trichromacy



Original Color

44.2298, 0.2670, 0.3274

Protanomaly

43.6189, 0.2922, 0.3221

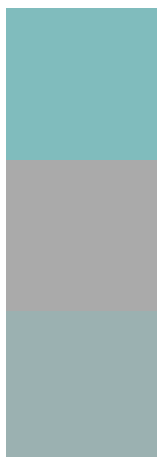
Deuteranomaly

43.7094, 0.2925, 0.3115

Tritanomaly

44.3177, 0.2632, 0.3148

Monochromacy



Original Color

44.2298, 0.2670, 0.3274

Achromatopsia

40.1978, 0.3127, 0.3290

Achromatomaly

41.5872, 0.2941, 0.3289

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.2298, 0.2670, 0.3274 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(128, 188, 189)` looks like.

```
.text, #text, p{  
    color:rgb(128, 188, 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(128, 188, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 188, 189) }
```

Border

The CSS property to change the border of an element to Yxy 44.2298, 0.2670, 0.3274 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(128, 188, 189) }
```

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

```
.border{ border-color:rgb(128, 188, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 188, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 188, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 188, 189);  
box-shadow:4px 4px 4px 4px rgb(128, 188,  
189) }
```


Background

The CSS property to change the background color of an element to Yxy 44.2298, 0.2670, 0.3274 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 188, 189) }
```

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

```
.background{ background-color: rgb(128,  
188, 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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