

Converting Colors

$Yxy(44.8366, 0.2784, 0.3303)$

Have a look what the booklet for
Yxy(44.8366, 0.2784, 0.3303)
contains.

Yxy(44.8366, 0.2784, 0.3303)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(44.8366, 0.2784, 0.3303)

Conversions

Conversions Part 1

Format	Color
Hex	8EBBBA
RGB	142, 187, 186
RGB Percent	56%, 73%, 73%
CMY	0.4430, 0.2667, 0.2706
CMYK	0.24, 0.00, 0.01, 0.27
HSL	179°, 25%, 65%
HSV	179°, 24%, 73%
XYZ	37.7914, 44.8366, 53.1170
YIQ	173.4310, -26.4990, -9.8510

Conversions

Conversions Part 2

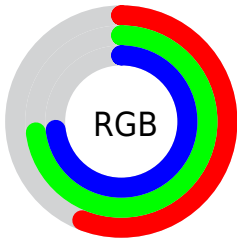
Format	Color
R _Y B	142, 165, 187
Decimal	9354170
CIE Lab	72.78, -15.02, -4.37
CIE LCh	73, 15.645, 196.205
Yxy	44.8366, 0.2784, 0.3303
Android (android.graphics.Color)	4287544250 (0xFF8EBBBA)
YUV	173.4310, 6.1965, -27.5650
Hunter-Lab	66.9601, -16.4372, -0.1605

Details

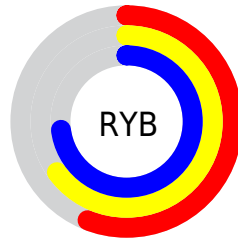
The Yxy color **44.8366, 0.2784, 0.3303** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **31.9018, 0.3609, 0.3278**, and the grayscale version is **42.0017, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.3823, 0.2848, 0.3300**, and **20.9173, 0.2685, 0.3308** is the 20% darker color. If you saturate the color by 10%, you get **43.3028, 0.2660, 0.3309**, and if you desaturate by 10%, it is **46.6516, 0.2920, 0.3297**.

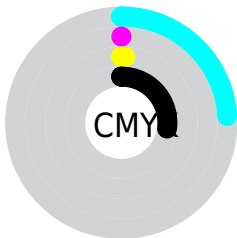
Distribution



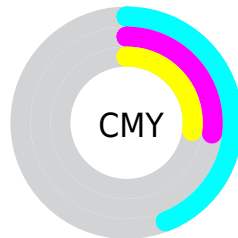
- Red (56%)
- Green (73%)
- Blue (73%)



- Red (56%)
- Yellow (65%)
- Blue (73%)



- Cyan (24%)
- Magenta (0%)
- Yellow (1%)
- Black (27%)




- Cyan (44%)
- Magenta (27%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.8366, 0.2784, 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 44.8366, 0.2784, 0.3303 by changing the saturation by 10% instead.

 44.8366, 0.2784,
0.3303

 44.8366, 0.2784,
0.3303


366.1114, 0.2955,
0.3298

 31.3287, 0.2741,
0.3304


 82.4752, 0.2846,
0.3302

 20.8493, 0.2687,
0.3304


 107.3746, 0.2870,
0.3301

 13.0139, 0.2614,
0.3304


136.8401, 0.2889,
0.3301

 7.4381, 0.2513,
0.3302

171.2560, 0.2906,
0.3300

 3.7376, 0.2363,
0.3297

211.0067, 0.2921,
0.3300

 1.5279, 0.2118,
0.3281

256.4765, 0.2934,

 0.3082, 0.0000,

0.3299

0.3248

308.0500, 0.2945,
0.3299

0.0000, 0.0000,
0.0000

44.8366, 0.2784,
0.3303

44.8366, 0.2784,
0.3303

43.3028, 0.2660,
0.3309

46.6516, 0.2920,
0.3297

42.0309, 0.2550,
0.3316

48.7552, 0.3066,
0.3292

41.0077, 0.2458,
0.3323

51.1613, 0.3218,
0.3287

40.2166, 0.2383,
0.3330

53.8812, 0.3374,
0.3283

39.6391, 0.2328,
0.3337

56.9258, 0.3531,
0.3279

■ 39.2540, 0.2292,
0.3344

■ 60.3053, 0.3686,
0.3276

■ 39.0353, 0.2272,
0.3351

■ 60.4702, 0.3689,
0.3272

■ 38.9530, 0.2265,
0.3355

■ 60.4883, 0.3686,
0.3267

■ 60.5063, 0.3682,
0.3263

Harmonies

Analogous

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



44.8366, 0.2950, 0.3505



44.8366, 0.2784, 0.3303



44.8366, 0.2708, 0.3106

Triad

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



44.8366, 0.2784, 0.3303



44.8366, 0.3074, 0.2964



44.8366, 0.3527, 0.3605

Complementary

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



44.8366, 0.2784, 0.3303



31.9018, 0.3609, 0.3278

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.



44.8366, 0.3565, 0.3450



44.8366, 0.2784, 0.3303



44.8366, 0.3298, 0.3088

Square

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



44.8366, 0.2784, 0.3303



44.8366, 0.2871, 0.2919



44.8366, 0.3481, 0.3262



44.8366, 0.3380, 0.3681

Rectangle

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



44.8366, 0.2784, 0.3303



44.8366, 0.2717, 0.3005



44.8366, 0.3481, 0.3262



44.8366, 0.3553, 0.3560

Sweetspot

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



44.8384, 0.2784, 0.3303



86.1110, 0.3021, 0.3294



43.3804, 0.3108, 0.3957



18.9119, 0.3012, 0.3294



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.



44.8384, 0.2784, 0.3303



78.7560, 0.2715, 0.3306



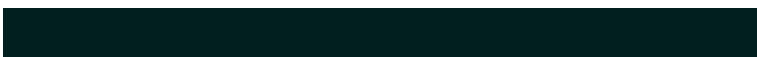
36.6171, 0.2752, 0.2985



10.8058, 0.2988, 0.3295



26.8408, 0.2265, 0.3354



1.0525, 0.2260, 0.3337

Inverse Universe

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



31.9018, 0.3609, 0.3278



51.4643, 0.3758, 0.3275



38.7172, 0.3555, 0.3577



9.5397, 0.3285, 0.3285



7.2869, 0.6372, 0.3284



0.2866, 0.6264, 0.3224

Previews

White Background



This preview shows how the Yxy color 44.8366, 0.2784, 0.3303 looks on a white background.

Color Contrast Check

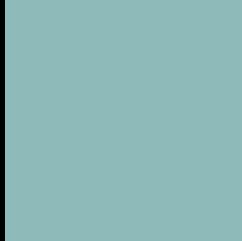
Large Text (above 18pt) WCAG AA × Fail

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 44.8366, 0.2784, 0.3303 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

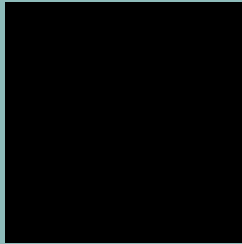
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

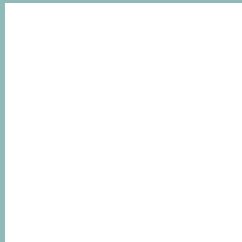
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.8366, 0.2784, 0.3303

Background



This preview shows how black text looks on a background with the Yxy color 44.8366, 0.2784, 0.3303.



This preview shows how white text looks on a background with the Yxy color 44.8366, 0.2784, 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



Original Color

44.8366, 0.2784, 0.3303

Protanopia

44.4429, 0.3129, 0.3250

Deuteranopia

44.5084, 0.3146, 0.3086



Tritanopia

44.8878, 0.2710, 0.3084

Trichromacy



Original Color

44.8366, 0.2784, 0.3303

Protanomaly

44.5321, 0.2994, 0.3276

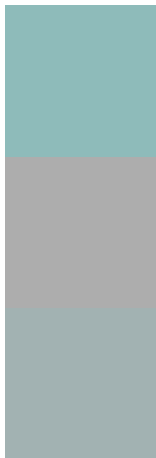
Deuteranomaly

44.3559, 0.3006, 0.3157

Tritanomaly

44.9872, 0.2737, 0.3165

Monochromacy



Original Color

44.8366, 0.2784, 0.3303

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

42.7365, 0.2991, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.8366, 0.2784, 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(142, 187, 186)` looks like.

```
.text, #text, p{  
    color:rgb(142, 187, 186)  
}
```

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(142, 187, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 187, 186) }
```

Border

The CSS property to change the border of an element to Yxy 44.8366, 0.2784, 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(142, 187, 186) }
```

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

```
.border{ border-color:rgb(142, 187, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 187, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 187, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 187, 186);  
box-shadow:4px 4px 4px 4px rgb(142, 187,  
186) }
```


Background

The CSS property to change the background color of an element to Yxy 44.8366, 0.2784, 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(142, 187, 186) }
```

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

```
.background{ background-color: rgb(142,  
187, 186) }
```

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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