

Converting Colors

$Yxy(47.5934, 0.2707, 0.3294)$

Have a look what the booklet for
Yxy(47.5934, 0.2707, 0.3294)
contains.

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Color

Yxy(47.6681, 0.2707, 0.3303)

Conversions

Conversions Part 1

Format	Color
Hex	88C2C1
RGB	136, 194, 193
RGB Percent	53%, 76%, 76%
CMY	0.4667, 0.2392, 0.2432
CMYK	0.30, 0.00, 0.01, 0.24
HSL	179°, 32%, 65%
HSV	179°, 30%, 76%
XYZ	39.0668, 47.6681, 57.5827
YIQ	176.5440, -34.2470, -12.6070

Conversions

Conversions Part 2

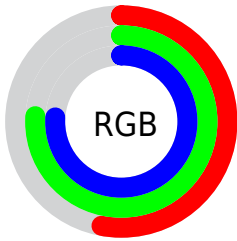
Format	Color
R_{YB}	136, 165, 194
Decimal	8962753
CIE _{Lab}	74.62, -18.82, -5.50
CIE _{LCh}	75, 19.613, 196.296
Yxy	47.6681, 0.2707, 0.3303
Android (android.graphics.Color)	4287152833 (0xFF88C2C1)
YUV	176.5440, 8.1128, -35.5571
Hunter-Lab	69.0421, -19.8212, -1.1198

Details

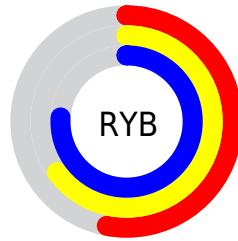
The Yxy color $47.6681, 0.2707, 0.3303$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $30.8807, 0.3776, 0.3278$, and the grayscale version is $43.6837, 0.3127, 0.3290$.

A 20% lighter version of the original color is $86.9103, 0.2784, 0.3310$, and $22.4886, 0.2585, 0.3288$ is the 20% darker color. If you saturate the color by 10%, you get $46.1749, 0.2591, 0.3308$, and if you desaturate by 10%, it is $49.4592, 0.2837, 0.3298$.

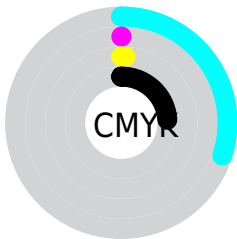
Distribution



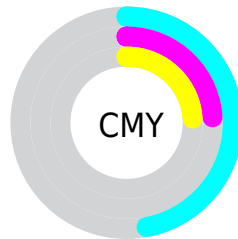
- Red (53%)
- Green (76%)
- Blue (76%)



- Red (53%)
- Yellow (65%)
- Blue (76%)



- Cyan (30%)
- Magenta (0%)
- Yellow (1%)
- Black (24%)




- Cyan (47%)
- Magenta (24%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.6681, 0.2707, 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 47.6681, 0.2707, 0.3303 by changing the saturation by 10% instead.


 47.6681, 0.2707,
0.3303


 47.6681, 0.2707,
0.3303


377.4750, 0.2914,
0.3300


 33.5641, 0.2656,
0.3303


 86.7100, 0.2782,
0.3302

 22.5589, 0.2592,
0.3302


 112.4168, 0.2810,
0.3302

 14.2682, 0.2507,
0.3301


 142.7599, 0.2834,
0.3302

 8.3074, 0.2390,
0.3297

178.1238, 0.2854,
0.3301

 4.2923, 0.2221,
0.3287

218.8929, 0.2872,
0.3301

 1.8384, 0.1954,
0.3263

265.4515, 0.2888,

 0.5109, 0.0176,

0.3300

0.3457

318.1841, 0.2902,
0.3300

0.0000, 0.0000,
0.0000

47.6681, 0.2707,
0.3303

47.6681, 0.2707,
0.3303

46.1749, 0.2591,
0.3308

49.4592, 0.2837,
0.3298

44.9580, 0.2490,
0.3313

51.5570, 0.2979,
0.3294

44.0018, 0.2408,
0.3319

53.9773, 0.3129,
0.3290

43.2871, 0.2345,
0.3324

56.7328, 0.3284,
0.3286

42.7919, 0.2301,
0.3330

59.8359, 0.3441,
0.3283

■ 42.4902, 0.2274,
0.3336

■ 63.2979, 0.3599,
0.3281

■ 42.3319, 0.2262,
0.3341

■ 63.8053, 0.3617,
0.3277

■ 42.3306, 0.2262,
0.3341

■ 63.8209, 0.3615,
0.3274

■ 63.8365, 0.3612,
0.3270

Harmonies

Analogous

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



47.6681, 0.2909, 0.3555



47.6681, 0.2707, 0.3303



47.6681, 0.2616, 0.3060

Triad

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



47.6681, 0.2707, 0.3303



47.6681, 0.3061, 0.2894



47.6681, 0.3618, 0.3674

Complementary

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



47.6681, 0.2707, 0.3303



30.8807, 0.3776, 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.



47.6681, 0.3667, 0.3483



47.6681, 0.2707, 0.3303



47.6681, 0.3337, 0.3044

Square

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



47.6681, 0.2707, 0.3303



47.6681, 0.2814, 0.2839



47.6681, 0.3563, 0.3255



47.6681, 0.3435, 0.3771

Rectangle

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



47.6681, 0.2707, 0.3303



47.6681, 0.2627, 0.2938



47.6681, 0.3563, 0.3255



47.6681, 0.3651, 0.3618

Sweetspot

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



47.6700, 0.2707, 0.3303



93.7134, 0.2990, 0.3294



45.7611, 0.3102, 0.4149



20.3894, 0.2968, 0.3294



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



47.6700, 0.2707, 0.3303



84.4950, 0.2628, 0.3306



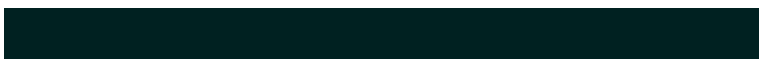
36.7403, 0.2657, 0.2898



11.4253, 0.2987, 0.3294



27.8295, 0.2261, 0.3341



1.2034, 0.2258, 0.3328

Inverse Universe

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



30.8807, 0.3776, 0.3278



49.1190, 0.3986, 0.3275



39.4641, 0.3683, 0.3652



10.0807, 0.3286, 0.3286



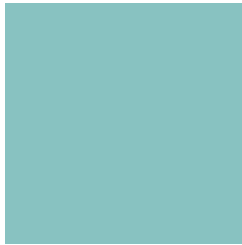
7.5470, 0.6379, 0.3287



0.3271, 0.6297, 0.3242

Previews

White Background



This preview shows how the Yxy color 47.6681, 0.2707, 0.3303 looks on a white background.

Color Contrast Check

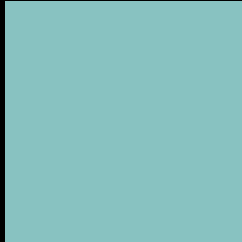
Large Text (above 18pt) WCAG AA × Fail

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 47.6681, 0.2707, 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

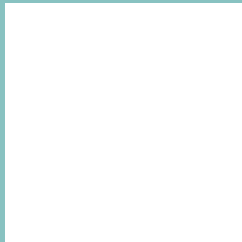
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 47.6681, 0.2707, 0.3303

Background



This preview shows how black text looks on a background with the Yxy color 47.6681, 0.2707, 0.3303.

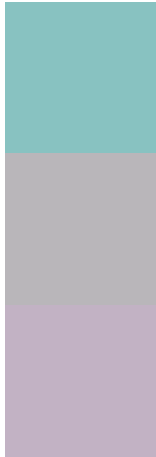


This preview shows how white text looks on a background with the Yxy color 47.6681, 0.2707, 0.3303.

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

47.6681, 0.2707, 0.3303

Protanopia

47.3154, 0.3121, 0.3239

Deuteranopia

47.2956, 0.3121, 0.3066



Tritanopia

47.6932, 0.2637, 0.3086

Trichromacy



Original Color

47.6681, 0.2707, 0.3303

Protanomaly

47.0074, 0.2950, 0.3250

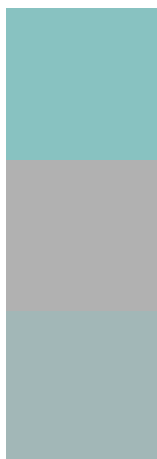
Deuteranomaly

47.1053, 0.2954, 0.3146

Tritanomaly

47.8075, 0.2663, 0.3166

Monochromacy



Original Color

47.6681, 0.2707, 0.3303

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

44.9673, 0.2954, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.6681, 0.2707, 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(136, 194, 193)` looks like.

```
.text, #text, p{  
    color:rgb(136, 194, 193)  
}
```

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(136, 194, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 194, 193) }
```

Border

The CSS property to change the border of an element to Yxy 47.6681, 0.2707, 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(136, 194, 193) }
```

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

```
.border{ border-color:rgb(136, 194, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 194, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 194, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 194, 193);  
box-shadow:4px 4px 4px 4px rgb(136, 194,  
193) }
```


Background

The CSS property to change the background color of an element to Yxy 47.6681, 0.2707, 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(136, 194, 193) }
```

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

```
.background{ background-color: rgb(136,  
194, 193) }
```

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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