

Converting Colors

$Yxy(48.6147, 0.2671, 0.3597)$

Have a look what the booklet for
Yxy(48.6147, 0.2671, 0.3597)
contains.

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Color

Yxy(48.7134, 0.2670, 0.3593)

Conversions

Conversions Part 1

Format	Color
Hex	73C9B4
RGB	115, 201, 180
RGB Percent	45%, 79%, 71%
CMY	0.5488, 0.2118, 0.2942
CMYK	0.43, 0.00, 0.10, 0.21
HSL	165°, 44%, 62%
HSV	165°, 43%, 79%
XYZ	36.1995, 48.7134, 50.6657
YIQ	172.8920, -44.5150, -24.7630

Conversions

Conversions Part 2

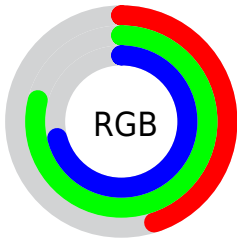
Format	Color
RYB	115, 164, 201
Decimal	7588276
CIELab	75.27, -30.99, 2.38
CIELCh	75, 31.078, 175.599
Yxy	48.7134, 0.2670, 0.3593
Android (android.graphics.Color)	4285778356 (0xFF73C9B4)
YUV	172.8920, 3.5042, -50.7713
Hunter-Lab	69.7950, -29.5614, 5.8166

Details

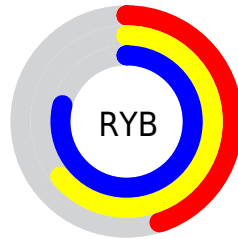
The Yxy color **48.7134, 0.2670, 0.3593** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **26.4723, 0.3951, 0.3017**, and the grayscale version is **41.7375, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.2341, 0.2748, 0.3500**, and **23.3295, 0.2545, 0.3695** is the 20% darker color. If you saturate the color by 10%, you get **47.3004, 0.2593, 0.3678**, and if you desaturate by 10%, it is **50.4345, 0.2762, 0.3513**.

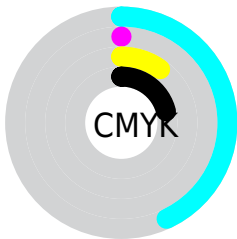
Distribution



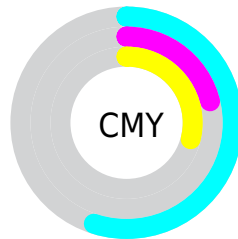
- Red (45%)
- Green (79%)
- Blue (71%)



- Red (45%)
- Yellow (64%)
- Blue (79%)



- Cyan (43%)
- Magenta (0%)
- Yellow (10%)
- Black (21%)





- Cyan (55%)
- Magenta (21%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.7134, 0.2670, 0.3593 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 48.7134, 0.2670, 0.3593 by changing the saturation by 10% instead.


 48.7134, 0.2670,
0.3593


 48.7134, 0.2670,
0.3593


381.6129, 0.2897,
0.3441


 34.3922, 0.2614,
0.3631


 88.2656, 0.2752,
0.3538

 23.1950, 0.2542,
0.3680


 114.2655, 0.2783,
0.3517

 14.7376, 0.2448,
0.3745


 144.9269, 0.2809,
0.3500

 8.6354, 0.2317,
0.3836

180.6345, 0.2832,
0.3485

 4.5042, 0.2126,
0.3971

221.7724, 0.2851,
0.3472

 1.9594, 0.1820,
0.4193

268.7252, 0.2868,

 0.5837, 0.0000,

0.3460

0.5546

321.8773, 0.2883,
0.3450

0.0000, 0.0000,
0.0000

48.7134, 0.2670,
0.3593

48.7134, 0.2670,
0.3593

47.3004, 0.2593,
0.3678

50.4345, 0.2762,
0.3513

46.1701, 0.2532,
0.3766

52.4757, 0.2865,
0.3438

45.3026, 0.2491,
0.3856


54.8553, 0.2977,
0.3369


44.6726, 0.2469,
0.3947

57.5886, 0.3094,
0.3306


44.2500, 0.2466,
0.4038

60.6901, 0.3215,
0.3250

 44.0338, 0.2473,
0.4103

 64.1732, 0.3337,
0.3199

 67.9065, 0.3452,
0.3154

 68.1620, 0.3414,
0.3105

 68.4252, 0.3376,
0.3056

Harmonies

Analogous

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



48.7134, 0.3057, 0.3937



48.7134, 0.2670, 0.3593



48.7134, 0.2415, 0.3171

Triad

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



48.7134, 0.2670, 0.3593



48.7134, 0.2743, 0.2610



48.7134, 0.3980, 0.3674

Complementary

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



48.7134, 0.2670, 0.3593



26.4723, 0.3951, 0.3017

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.



48.7134, 0.3893, 0.3332



48.7134, 0.2670, 0.3593



48.7134, 0.3152, 0.2744

Square

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



48.7134, 0.2670, 0.3593



48.7134, 0.2456, 0.2631



48.7134, 0.3581, 0.3001



48.7134, 0.3823, 0.3950

Rectangle

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



48.7134, 0.2670, 0.3593



48.7134, 0.2344, 0.2925



48.7134, 0.3581, 0.3001



48.7134, 0.3979, 0.3563

Sweetspot

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



48.7153, 0.2670, 0.3593



93.7348, 0.2972, 0.3372



48.2909, 0.3221, 0.4544



19.8581, 0.2946, 0.3387



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.



48.7153, 0.2670, 0.3593



81.2148, 0.2600, 0.3669



40.3121, 0.2499, 0.2977



12.0215, 0.3016, 0.3347



27.7030, 0.2470, 0.4090



1.3227, 0.2417, 0.3903

Inverse Universe

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



26.4723, 0.3951, 0.3017



38.3403, 0.4226, 0.2966



31.4187, 0.4104, 0.3575



10.6788, 0.3252, 0.3234



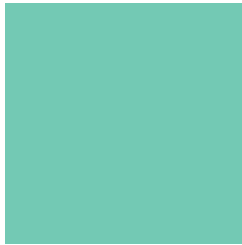
7.9602, 0.5925, 0.3038



0.3888, 0.5315, 0.2702

Previews

White Background



This preview shows how the Yxy color 48.7134, 0.2670, 0.3593 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 48.7134, 0.2670, 0.3593 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

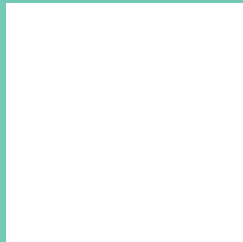
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 48.7134, 0.2670, 0.3593

Background



This preview shows how black text looks on a background with the Yxy color 48.7134, 0.2670, 0.3593.



This preview shows how white text looks on a background with the Yxy color 48.7134, 0.2670, 0.3593.

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

48.7134, 0.2670, 0.3593

Protanopia

48.2976, 0.3291, 0.3457

Deuteranopia

48.2995, 0.3279, 0.3217



Tritanopia

48.5184, 0.2528, 0.3071

Trichromacy



Original Color

48.7134, 0.2670, 0.3593

Protanomaly

47.6694, 0.3028, 0.3508

Deuteranomaly

47.5056, 0.3018, 0.3343

Tritanomaly

48.6232, 0.2582, 0.3261

Monochromacy



Original Color

48.7134, 0.2670, 0.3593

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

43.6770, 0.2926, 0.3388

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.7134, 0.2670, 0.3593 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(115, 201, 180)` looks like.

```
.text, #text, p{  
    color:rgb(115, 201, 180)  
}
```

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(115, 201, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 201, 180) }
```

Border

The CSS property to change the border of an element to Yxy 48.7134, 0.2670, 0.3593 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(115, 201, 180) }
```

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

```
.border{ border-color:rgb(115, 201, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 201, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(115, 201, 180); -webkit-box-shadow:4px 4px 4px 4px rgb(115, 201, 180); box-shadow:4px 4px 4px 4px rgb(115, 201, 180) }
```


Background

The CSS property to change the background color of an element to Yxy 48.7134, 0.2670, 0.3593 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 201, 180) }
```

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

```
.background{ background-color: rgb(115,  
201, 180) }
```

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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