

Converting Colors

$Y_{xy}(45.5679, 0.2723, 0.3677)$

Have a look what the booklet for
Yxy(45.5679, 0.2723, 0.3677)
contains.

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Color

Yxy(45.5396, 0.2725, 0.3677)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 73C3A9 |
| RGB | 115, 195, 169 |
| RGB Percent | 45%, 76%, 66% |
| CMY | 0.5490, 0.2353, 0.3371 |
| CMYK | 0.41, 0.00, 0.13, 0.24 |
| HSL | 161°, 40%, 61% |
| HSV | 161°, 41%, 76% |
| XYZ | 33.7491, 45.5396, 44.5612 |
| YIQ | 168.1160, -39.3340, -25.0460 |

Conversions

Conversions Part 2

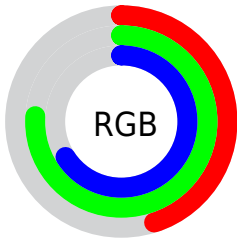
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 115, 163, 195 |
| Decimal | 7586729 |
| CIELab | 73.25, -30.62, 5.38 |
| CIElCh | 73, 31.089, 170.030 |
| Yxy | 45.5396, 0.2725, 0.3677 |
| Android (android.graphics.Color) | 4285776809 (0xFF73C3A9) |
| YUV | 168.1160, 0.4358, -46.5827 |
| Hunter-Lab | 67.4830, -28.8253, 8.0871 |

Details

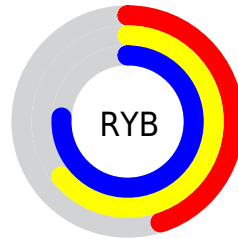
The Yxy color **45.5396, 0.2725, 0.3677** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **25.7871, 0.3816, 0.2943**, and the grayscale version is **39.2322, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.5487, 0.2800, 0.3607**, and **21.3262, 0.2610, 0.3797** is the 20% darker color. If you saturate the color by 10%, you get **44.1242, 0.2652, 0.3791**, and if you desaturate by 10%, it is **47.2498, 0.2811, 0.3570**.

Distribution



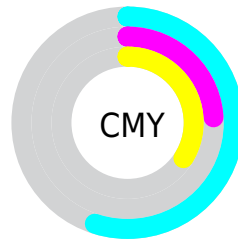
- Red (45%)
- Green (76%)
- Blue (66%)



- Red (45%)
- Yellow (64%)
- Blue (76%)



- Cyan (41%)
- Magenta (0%)
- Yellow (13%)
- Black (24%)




- Cyan (55%)
- Magenta (24%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.5396, 0.2725, 0.3677 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 45.5396, 0.2725, 0.3677 by changing the saturation by 10% instead.


 45.5396, 0.2725,
0.3677


 45.5396, 0.2725,
0.3677

368.9546, 0.2928,
0.3478


 31.8827, 0.2673,
0.3728


 83.5295, 0.2799,
0.3604

 21.2719, 0.2607,
0.3795


 108.6313, 0.2827,
0.3576

 13.3229, 0.2518,
0.3886


 138.3169, 0.2851,
0.3554

 7.6513, 0.2392,
0.4016

172.9706, 0.2871,
0.3534

 3.8726, 0.2202,
0.4217

212.9768, 0.2888,
0.3517

 1.6026, 0.1851,
0.4589

258.7199, 0.2903,

 0.3593, 0.0000,

0.3503

0.9601

310.5844, 0.2917,
0.3490

0.0000, 0.0000,
0.0000

45.5396, 0.2725,
0.3677

45.5396, 0.2725,
0.3677

44.1242, 0.2652,
0.3791

47.2498, 0.2811,
0.3570

42.9801, 0.2595,
0.3910

49.2657, 0.2906,
0.3471

42.0892, 0.2557,
0.4033


51.6043, 0.3009,
0.3380

41.4286, 0.2538,
0.4157


54.2796, 0.3116,
0.3298


40.9714, 0.2539,
0.4281


57.3050, 0.3225,
0.3224

 40.6881, 0.2553,
0.4390

 60.6930, 0.3334,
0.3159

 64.4555, 0.3442,
0.3101

 65.4408, 0.3420,
0.3039

 65.7820, 0.3370,
0.2977

Harmonies

Analogous

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



45.5396, 0.3136, 0.3997



45.5396, 0.2725, 0.3677



45.5396, 0.2434, 0.3246

Triad

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



45.5396, 0.2725, 0.3677



45.5396, 0.2669, 0.2587



45.5396, 0.4003, 0.3618

Complementary

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



45.5396, 0.2725, 0.3677



25.7871, 0.3816, 0.2943

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.



45.5396, 0.3866, 0.3266



45.5396, 0.2725, 0.3677



45.5396, 0.3069, 0.2697

Square

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



45.5396, 0.2725, 0.3677



45.5396, 0.2405, 0.2640



45.5396, 0.3514, 0.2938



45.5396, 0.3885, 0.3921

Rectangle

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



45.5396, 0.2725, 0.3677



45.5396, 0.2339, 0.2980



45.5396, 0.3514, 0.2938



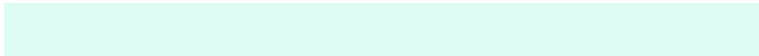
45.5396, 0.3986, 0.3502

Sweetspot

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



45.5414, 0.2725, 0.3677



91.9058, 0.2997, 0.3390



45.9902, 0.3272, 0.4464



19.9986, 0.2983, 0.3402



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.



45.5414, 0.2725, 0.3677



79.3194, 0.2661, 0.3776



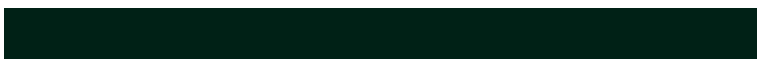
40.9055, 0.2539, 0.3093



11.3710, 0.3027, 0.3366



26.4608, 0.2548, 0.4374



1.1555, 0.2473, 0.4102

Inverse Universe

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



25.7871, 0.3816, 0.2943



39.2753, 0.4043, 0.2873



28.3666, 0.4085, 0.3473



10.1306, 0.3239, 0.3215



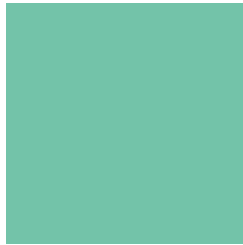
7.7901, 0.5647, 0.2884



0.3494, 0.5004, 0.2530

Previews

White Background



This preview shows how the Yxy color 45.5396, 0.2725, 0.3677 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 45.5396, 0.2725, 0.3677 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

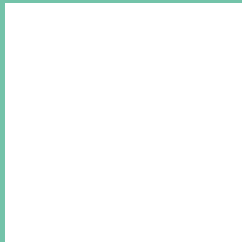
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 45.5396, 0.2725, 0.3677

Background



This preview shows how black text looks on a background with the Yxy color 45.5396, 0.2725, 0.3677.

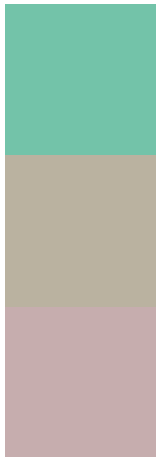


This preview shows how white text looks on a background with the Yxy color 45.5396, 0.2725, 0.3677.

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

45.5396, 0.2725, 0.3677

Protanopia

44.8180, 0.3348, 0.3529

Deuteranopia

44.9489, 0.3345, 0.3278



Tritanopia

45.5198, 0.2553, 0.3079

Trichromacy



Original Color

45.5396, 0.2725, 0.3677

Protanomaly

44.3989, 0.3088, 0.3585

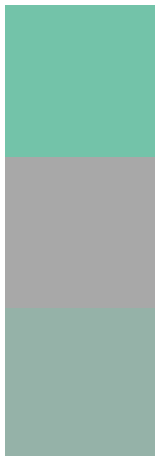
Deuteranomaly

44.3511, 0.3087, 0.3413

Tritanomaly

45.5700, 0.2616, 0.3289

Monochromacy



Original Color

45.5396, 0.2725, 0.3677

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

41.0575, 0.2960, 0.3434

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.5396, 0.2725, 0.3677 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, 195, 169)` looks like.

```
.text, #text, p{  
    color:rgb(115, 195, 169)  
}
```

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, 195, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 195, 169) }
```

Border

The CSS property to change the border of an element to Yxy 45.5396, 0.2725, 0.3677 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, 195, 169) }
```

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

```
.border{ border-color:rgb(115, 195, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 195, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 195, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 195, 169);  
box-shadow:4px 4px 4px 4px rgb(115, 195,  
169) }
```


Background

The CSS property to change the background color of an element to Yxy 45.5396, 0.2725, 0.3677 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 195, 169) }
```

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

```
.background{ background-color: rgb(115,  
195, 169) }
```

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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