

Converting Colors

$Y_{xy}(40.3276, 0.2592, 0.3617)$

Have a look what the booklet for
Yxy(40.3276, 0.2592, 0.3617)
contains.

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Color

Yxy(40.5691, 0.2595, 0.3622)

Conversions

Conversions Part 1

Format	Color
Hex	5CBBA6
RGB	92, 187, 166
RGB Percent	36%, 73%, 65%
CMY	0.6392, 0.2666, 0.3490
CMYK	0.51, 0.00, 0.11, 0.27
HSL	167°, 41%, 55%
HSV	167°, 51%, 73%
XYZ	29.0659, 40.5691, 42.3724
YIQ	156.2010, -49.8790, -26.6710

Conversions

Conversions Part 2

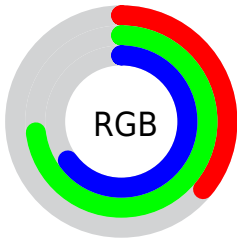
Format	Color
RYB	92, 145, 187
Decimal	6077350
CIELab	69.87, -33.28, 2.04
CIElCh	70, 33.343, 176.493
Yxy	40.5691, 0.2595, 0.3622
Android (android.graphics.Color)	4284267430 (0xFF5CBBA6)
YUV	156.2010, 4.8309, -56.3043
Hunter-Lab	63.6939, -30.0080, 5.1430

Details

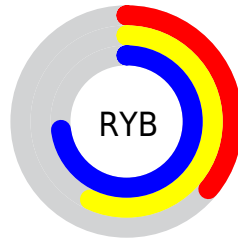
The Yxy color **40.5691, 0.2595, 0.3622** is a dark color, and the websafe version is hex **66CCCC**. A complement of this color would be **19.4113, 0.4223, 0.3003**, and the grayscale version is **33.3349, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.2177, 0.2693, 0.3563**, and **18.2512, 0.2435, 0.3725** is the 20% darker color. If you saturate the color by 10%, you get **39.5743, 0.2529, 0.3700**, and if you desaturate by 10%, it is **41.8097, 0.2677, 0.3547**.

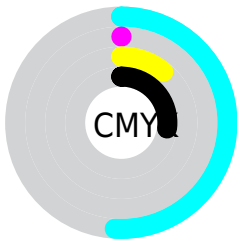
Distribution



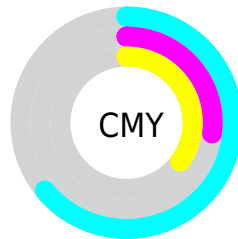
- Red (36%)
- Green (73%)
- Blue (65%)



- Red (36%)
- Yellow (57%)
- Blue (73%)



- Cyan (51%)
- Magenta (0%)
- Yellow (11%)
- Black (27%)





- Cyan (64%)
- Magenta (27%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.5691, 0.2595, 0.3622 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 40.5691, 0.2595, 0.3622 by changing the saturation by 10% instead.


 40.5691, 0.2595,
0.3622


 40.5691, 0.2595,
0.3622


348.5164, 0.2867,
0.3451


 27.9825, 0.2525,
0.3666


 76.0293, 0.2695,
0.3559


 18.3125, 0.2435,
0.3724


 99.6718, 0.2732,
0.3535

 11.1746, 0.2314,
0.3803


 127.7684, 0.2763,
0.3516

 6.1844, 0.2141,
0.3916

 160.7034, 0.2790,
0.3499

 2.9575, 0.1880,
0.4092

198.8614, 0.2813,
0.3484

 1.1096, 0.0949,
0.4651

242.6266, 0.2833,

 0.0000, 0.0000,

0.3472

0.0000

292.3835, 0.2851,
0.3461

■ 40.5691, 0.2595,
0.3622

■ 40.5691, 0.2595,
0.3622

■ 39.5743, 0.2529,
0.3700

■ 41.8097, 0.2677,
0.3547

■ 38.8026, 0.2482,
0.3780

■ 43.3072, 0.2773,
0.3476

■ 38.2352, 0.2453,
0.3861

■ 45.0781, 0.2881,
0.3410

■ 37.8480, 0.2444,
0.3942

■ 47.1357, 0.2996,
0.3350

■ 37.6071, 0.2449,
0.4016

■ 49.4928, 0.3117,
0.3294

■ 52.1611, 0.3241,
0.3244

■ 55.1520, 0.3366,
0.3200

■ 58.4761, 0.3490,
0.3161

■ 61.1245, 0.3568,
0.3124

Harmonies

Analogous

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



40.5691, 0.3028, 0.4027



40.5691, 0.2595, 0.3622



40.5691, 0.2316, 0.3135

Triad

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



40.5691, 0.2595, 0.3622



40.5691, 0.2702, 0.2526



40.5691, 0.4098, 0.3727

Complementary

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



40.5691, 0.2595, 0.3622



19.4113, 0.4223, 0.3003

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.



40.5691, 0.4009, 0.3342



40.5691, 0.2595, 0.3622



40.5691, 0.3168, 0.2682

Square

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



40.5691, 0.2595, 0.3622



40.5691, 0.2376, 0.2541



40.5691, 0.3657, 0.2972



40.5691, 0.3906, 0.4043

Rectangle

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



40.5691, 0.2595, 0.3622



40.5691, 0.2242, 0.2858



40.5691, 0.3657, 0.2972



40.5691, 0.4101, 0.3602

Sweetspot

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



40.5707, 0.2595, 0.3622



82.7154, 0.2944, 0.3376



39.9037, 0.3213, 0.4808



18.0447, 0.2920, 0.3389



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.



40.5707, 0.2595, 0.3622



70.6901, 0.2523, 0.3709



31.5873, 0.2395, 0.2883



10.7724, 0.3013, 0.3341



25.9214, 0.2446, 0.4006



1.0245, 0.2393, 0.3814

Inverse Universe

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



19.4113, 0.4223, 0.3003



28.5484, 0.4624, 0.2961



24.1380, 0.4353, 0.3645



9.5700, 0.3254, 0.3239



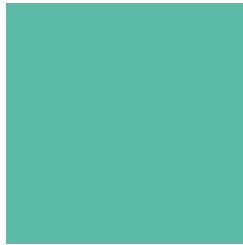
7.4004, 0.5990, 0.3073



0.3000, 0.5311, 0.2699

Previews

White Background



This preview shows how the Yxy color 40.5691, 0.2595, 0.3622 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 40.5691, 0.2595, 0.3622 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

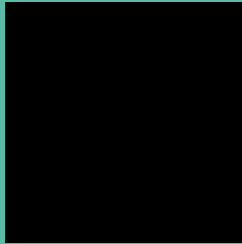
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

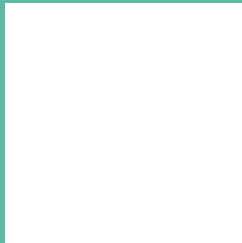
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 40.5691, 0.2595, 0.3622

Background



This preview shows how black text looks on a background with the Yxy color 40.5691, 0.2595, 0.3622.

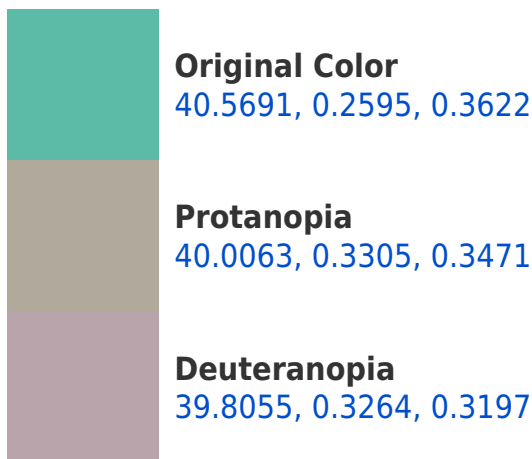


This preview shows how white text looks on a background with the Yxy color 40.5691, 0.2595, 0.3622.

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





Tritanopia

40.7230, 0.2458, 0.3081

Trichromacy



Original Color

40.5691, 0.2595, 0.3622

Protanomaly

39.6085, 0.2988, 0.3527

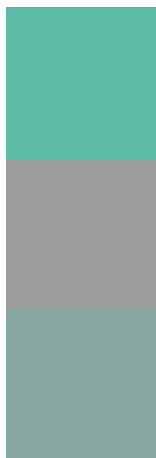
Deuteranomaly

38.9489, 0.2968, 0.3333

Tritanomaly

40.4228, 0.2502, 0.3258

Monochromacy



Original Color

40.5691, 0.2595, 0.3622

Achromatopsia

33.2452, 0.3127, 0.3290

Achromatomaly

35.1620, 0.2884, 0.3398

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.5691, 0.2595, 0.3622 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(92, 187, 166)` looks like.

```
.text, #text, p{  
    color:rgb(92, 187, 166)  
}
```

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(92, 187, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 187, 166) }
```

Border

The CSS property to change the border of an element to Yxy 40.5691, 0.2595, 0.3622 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(92, 187, 166) }
```

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

```
.border{ border-color:rgb(92, 187, 166) }
```

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

Here you see how a box with a 4 pixel rgb(92, 187, 166) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 187, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 187, 166);  
box-shadow:4px 4px 4px 4px rgb(92, 187,  
166) }
```


Background

The CSS property to change the background color of an element to Yxy 40.5691, 0.2595, 0.3622 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 187, 166) }
```

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

```
.background{ background-color: rgb(92, 187,  
166) }
```

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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