

Converting Colors

$Y_{xy}(41.9258, 0.2536, 0.3438)$

Have a look what the booklet for
Yxy(41.9258, 0.2536, 0.3438)
contains.

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Color

Yxy(42.0295, 0.2535, 0.3442)

Conversions

Conversions Part 1

Format	Color
Hex	5EBDB3
RGB	94, 189, 179
RGB Percent	37%, 74%, 70%
CMY	0.6311, 0.2588, 0.2981
CMYK	0.50, 0.00, 0.05, 0.26
HSL	174°, 42%, 56%
HSV	174°, 50%, 74%
XYZ	30.9543, 42.0295, 49.1240
YIQ	159.4550, -53.4100, -23.2500

Conversions

Conversions Part 2

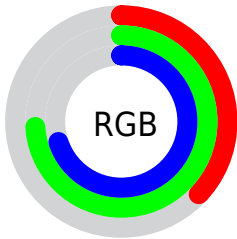
Format	Color
RYB	94, 144, 189
Decimal	6208947
CIELab	70.89, -30.53, -3.58
CIELCh	71, 30.736, 186.691
Yxy	42.0295, 0.2535, 0.3442
Android (android.graphics.Color)	4284399027 (0xFF5EBDB3)
YUV	159.4550, 9.6357, -57.4040
Hunter-Lab	64.8302, -28.2248, 0.4551

Details

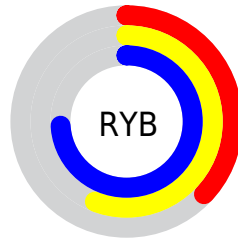
The Yxy color **42.0295, 0.2535, 0.3442** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **19.8364, 0.4376, 0.3157**, and the grayscale version is **34.8712, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.4890, 0.2643, 0.3416**, and **19.1103, 0.2365, 0.3486** is the 20% darker color. If you saturate the color by 10%, you get **41.0705, 0.2459, 0.3477**, and if you desaturate by 10%, it is **43.2376, 0.2628, 0.3408**.

Distribution



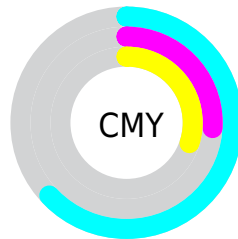
- Red (37%)
- Green (74%)
- Blue (70%)



- Red (37%)
- Yellow (56%)
- Blue (74%)



- Cyan (50%)
- Magenta (0%)
- Yellow (5%)
- Black (26%)





- Cyan (63%)
- Magenta (26%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 42.0295, 0.2535, 0.3442 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 42.0295, 0.2535, 0.3442 by changing the saturation by 10% instead.


 42.0295, 0.2535,
0.3442

 42.0295, 0.2535,
0.3442

354.6052, 0.2833,
0.3369


 29.1244, 0.2461,
0.3459


 78.2443, 0.2643,
0.3416

 19.1749, 0.2365,
0.3481


 102.3227, 0.2684,
0.3406

 11.7968, 0.2238,
0.3508


 130.8944, 0.2718,
0.3398

 6.6054, 0.2061,
0.3544

 164.3437, 0.2748,
0.3390

 3.2166, 0.1801,
0.3591

203.0551, 0.2773,
0.3384

 1.2458, 0.1199,
0.3727

247.4128, 0.2795,

 0.0987, 0.0000,

0.3378

0.2161

297.8014, 0.2815,
0.3373

0.0000, 0.0000,
0.0000

42.0295, 0.2535,
0.3442

42.0295, 0.2535,
0.3442

41.0705, 0.2459,
0.3477

43.2376, 0.2628,
0.3408

40.3376, 0.2402,
0.3513

44.7062, 0.2736,
0.3375

39.8115, 0.2364,
0.3550

46.4518, 0.2856,
0.3345

39.4680, 0.2345,
0.3586

48.4884, 0.2987,
0.3316

39.2612, 0.2339,
0.3620

50.8288, 0.3124,
0.3291

■ 53.4850, 0.3265,
0.3267

■ 56.4685, 0.3409,
0.3246

■ 59.7902, 0.3552,
0.3228

■ 61.6811, 0.3616,
0.3209

Harmonies

Analogous

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



42.0295, 0.2894, 0.3852



42.0295, 0.2535, 0.3442



42.0295, 0.2337, 0.3016

Triad

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



42.0295, 0.2535, 0.3442



42.0295, 0.2875, 0.2620



42.0295, 0.3980, 0.3805

Complementary

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



42.0295, 0.2535, 0.3442



19.8364, 0.4376, 0.3157

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.



42.0295, 0.3987, 0.3465



42.0295, 0.2535, 0.3442



42.0295, 0.3322, 0.2810

Square

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



42.0295, 0.2535, 0.3442



42.0295, 0.2522, 0.2579



42.0295, 0.3740, 0.3110



42.0295, 0.3734, 0.4043

Rectangle

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



42.0295, 0.2535, 0.3442



42.0295, 0.2313, 0.2795



42.0295, 0.3740, 0.3110



42.0295, 0.4012, 0.3698

Sweetspot

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



42.0311, 0.2535, 0.3442



84.9521, 0.2920, 0.3330



40.2148, 0.3130, 0.4829



18.1058, 0.2893, 0.3336



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.



42.0311, 0.2535, 0.3442



73.4512, 0.2455, 0.3480



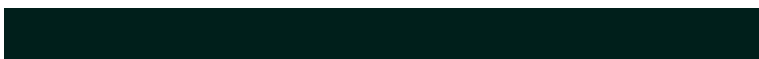
28.7109, 0.2367, 0.2703



10.7917, 0.2999, 0.3314



26.4240, 0.2338, 0.3616



1.0401, 0.2314, 0.3530

Inverse Universe

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



19.8364, 0.4376, 0.3157



29.2982, 0.4819, 0.3141



27.7145, 0.4249, 0.3792



9.5523, 0.3272, 0.3266



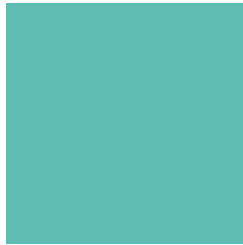
7.3187, 0.6259, 0.3222



0.2922, 0.5813, 0.2976

Previews

White Background



This preview shows how the Yxy color 42.0295, 0.2535, 0.3442 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 42.0295, 0.2535, 0.3442 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

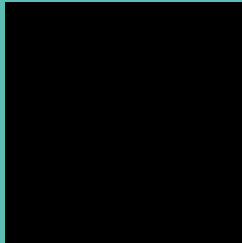
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

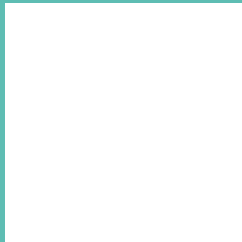
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 42.0295, 0.2535, 0.3442

Background



This preview shows how black text looks on a background with the Yxy color 42.0295, 0.2535, 0.3442.

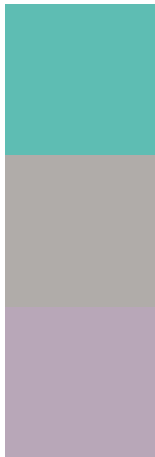


This preview shows how white text looks on a background with the Yxy color 42.0295, 0.2535, 0.3442.

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

42.0295, 0.2535, 0.3442

Protanopia

41.5997, 0.3188, 0.3331

Deuteranopia

41.2885, 0.3138, 0.3067



Tritanopia

42.1016, 0.2440, 0.3069

Trichromacy



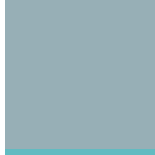
Original Color

42.0295, 0.2535, 0.3442



Protanomaly

40.9689, 0.2898, 0.3362



Deuteranomaly

40.6167, 0.2870, 0.3190



Tritanomaly

41.9876, 0.2471, 0.3199

Monochromacy



Original Color

42.0295, 0.2535, 0.3442



Achromatopsia

34.6704, 0.3127, 0.3290



Achromatomaly

36.6535, 0.2856, 0.3350

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.0295, 0.2535, 0.3442 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(94, 189, 179)` looks like.

```
.text, #text, p{  
    color:rgb(94, 189, 179)  
}
```

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(94, 189, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 189, 179) }
```

Border

The CSS property to change the border of an element to Yxy 42.0295, 0.2535, 0.3442 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(94, 189, 179) }
```

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

```
.border{ border-color:rgb(94, 189, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 189, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 189, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 189, 179);  
box-shadow:4px 4px 4px 4px rgb(94, 189,  
179) }
```


Background

The CSS property to change the background color of an element to Yxy 42.0295, 0.2535, 0.3442 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 189, 179) }
```

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

```
.background{ background-color: rgb(94, 189,  
179) }
```

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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