

Converting Colors

$Yxy(42.0944, 0.2532, 0.3428)$

Have a look what the booklet for
Yxy(42.0944, 0.2532, 0.3428)
contains.

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Color

Yxy(42.0702, 0.2529, 0.3426)

Conversions

Conversions Part 1

Format	Color
Hex	5EBDB4
RGB	94, 189, 180
RGB Percent	37%, 74%, 71%
CMY	0.6312, 0.2588, 0.2941
CMYK	0.50, 0.00, 0.05, 0.26
HSL	174°, 42%, 55%
HSV	174°, 50%, 74%
XYZ	31.0553, 42.0702, 49.6713
YIQ	159.5690, -53.7310, -22.9390

Conversions

Conversions Part 2

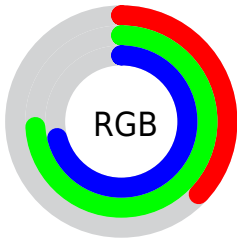
Format	Color
RYB	94, 144, 189
Decimal	6208948
CIELab	70.92, -30.27, -4.10
CIElCh	71, 30.550, 187.714
Yxy	42.0702, 0.2529, 0.3426
Android (android.graphics.Color)	4284399028 (0xFF5EBDB4)
YUV	159.5690, 10.0725, -57.5040
Hunter-Lab	64.8615, -28.0430, -0.0015

Details

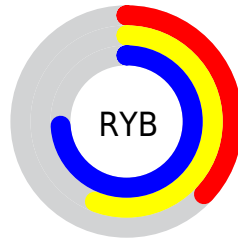
The Yxy color **42.0702, 0.2529, 0.3426** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **19.8095, 0.4393, 0.3171**, and the grayscale version is **34.9213, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.5470, 0.2638, 0.3404**, and **19.1363, 0.2358, 0.3463** is the 20% darker color. If you saturate the color by 10%, you get **41.1192, 0.2453, 0.3458**, and if you desaturate by 10%, it is **43.2700, 0.2623, 0.3396**.

Distribution



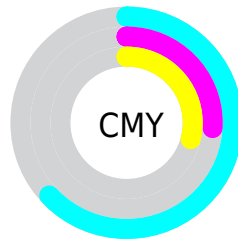
- Red (37%)
- Green (74%)
- Blue (71%)



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



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





- Cyan (63%)
- Magenta (26%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.0702, 0.2529, 0.3426 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 42.0702, 0.2529, 0.3426 by changing the saturation by 10% instead.


 42.0702, 0.2529,
0.3426

 42.0702, 0.2529,
0.3426


354.7739, 0.2829,
0.3361

 29.1563, 0.2454,
0.3441


 78.3059, 0.2638,
0.3403


 19.1991, 0.2358,
0.3459


 102.3964, 0.2679,
0.3395

 11.8142, 0.2230,
0.3483


 130.9812, 0.2714,
0.3387

 6.6173, 0.2052,
0.3512

 164.4447, 0.2744,
0.3381

 3.2239, 0.1791,
0.3549

203.1714, 0.2769,
0.3375

 1.2497, 0.1201,
0.3661

247.5455, 0.2792,

 0.1018, 0.0000,

0.3370

0.2038

297.9515, 0.2812,
0.3365

0.0000, 0.0000,
0.0000

42.0702, 0.2529,
0.3426

42.0702, 0.2529,
0.3426

41.1192, 0.2453,
0.3458

43.2700, 0.2623,
0.3396

40.3940, 0.2395,
0.3490

44.7301, 0.2732,
0.3366

39.8755, 0.2356,
0.3522

46.4670, 0.2853,
0.3339

39.5392, 0.2336,
0.3554

48.4946, 0.2985,
0.3314

39.3394, 0.2329,
0.3585

50.8257, 0.3124,
0.3291

■ 53.4724, 0.3267,
0.3270

■ 56.4462, 0.3412,
0.3251

■ 59.7580, 0.3556,
0.3234

■ 61.6448, 0.3623,
0.3218

Harmonies

Analogous

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



42.0702, 0.2882, 0.3837



42.0702, 0.2529, 0.3426



42.0702, 0.2339, 0.3006

Triad

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



42.0702, 0.2529, 0.3426



42.0702, 0.2891, 0.2628



42.0702, 0.3970, 0.3812

Complementary

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



42.0702, 0.2529, 0.3426



19.8095, 0.4393, 0.3171

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.



42.0702, 0.3986, 0.3476



42.0702, 0.2529, 0.3426



42.0702, 0.3336, 0.2822

Square

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



42.0702, 0.2529, 0.3426



42.0702, 0.2536, 0.2582



42.0702, 0.3748, 0.3123



42.0702, 0.3719, 0.4044

Rectangle

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



42.0702, 0.2529, 0.3426



42.0702, 0.2319, 0.2789



42.0702, 0.3748, 0.3123



42.0702, 0.4004, 0.3707

Sweetspot

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



42.0718, 0.2529, 0.3426



84.9758, 0.2918, 0.3326



40.1182, 0.3118, 0.4835



18.1116, 0.2891, 0.3332



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.



42.0718, 0.2529, 0.3426



73.5404, 0.2448, 0.3460



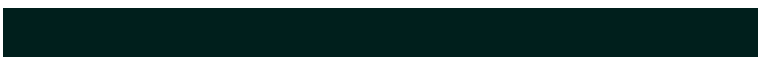
28.1926, 0.2361, 0.2676



10.7936, 0.2997, 0.3312



26.4754, 0.2328, 0.3581



1.0416, 0.2307, 0.3504

Inverse Universe

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



19.8095, 0.4393, 0.3171



29.2626, 0.4840, 0.3157



28.1351, 0.4237, 0.3814



9.5506, 0.3274, 0.3269



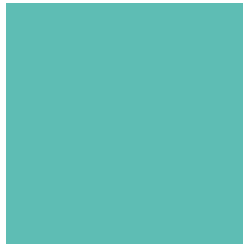
7.3136, 0.6277, 0.3231



0.2915, 0.5867, 0.3005

Previews

White Background



This preview shows how the Yxy color 42.0702, 0.2529, 0.3426 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 42.0702, 0.2529, 0.3426 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

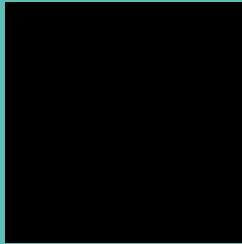
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

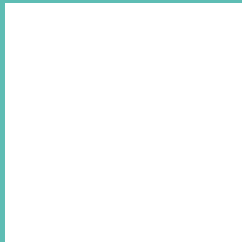
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 42.0702, 0.2529, 0.3426

Background



This preview shows how black text looks on a background with the Yxy color 42.0702, 0.2529, 0.3426.

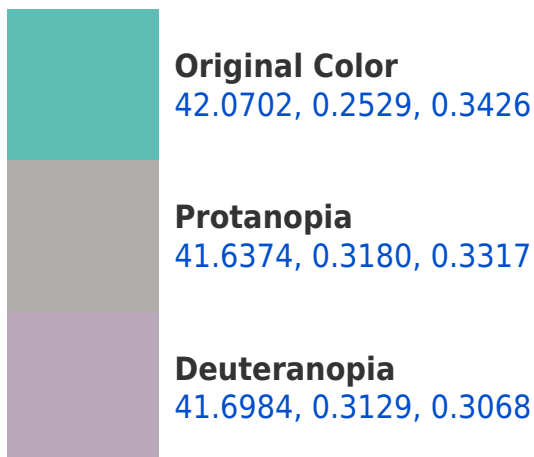


This preview shows how white text looks on a background with the Yxy color 42.0702, 0.2529, 0.3426.

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

42.1016, 0.2440, 0.3069

Trichromacy



Original Color

42.0702, 0.2529, 0.3426

Protanomaly

41.0078, 0.2891, 0.3347

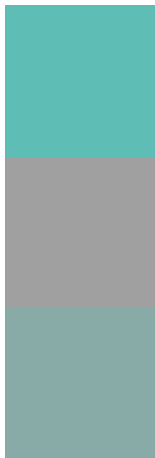
Deuteranomaly

41.0489, 0.2863, 0.3190

Tritanomaly

41.9876, 0.2471, 0.3199

Monochromacy



Original Color

42.0702, 0.2529, 0.3426

Achromatopsia

35.1533, 0.3127, 0.3290

Achromatomaly

37.1501, 0.2858, 0.3350

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.0702, 0.2529, 0.3426 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, 180)` looks like.

```
.text, #text, p{  
    color:rgb(94, 189, 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(94, 189, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 189, 180) }
```

Border

The CSS property to change the border of an element to Yxy 42.0702, 0.2529, 0.3426 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, 180) }
```

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

```
.border{ border-color:rgb(94, 189, 180) }
```

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, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 189, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 189, 180);  
box-shadow:4px 4px 4px 4px rgb(94, 189,  
180) }
```


Background

The CSS property to change the background color of an element to Yxy 42.0702, 0.2529, 0.3426 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, 180) }
```

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

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