

Converting Colors

$Yxy(41.9525, 0.2587, 0.3624)$

Have a look what the booklet for
Yxy(41.9525, 0.2587, 0.3624)
contains.

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Color

Yxy(41.9668, 0.2585, 0.3617)

Conversions

Conversions Part 1

Format	Color
Hex	5CBEA9
RGB	92, 190, 169
RGB Percent	36%, 75%, 66%
CMY	0.6391, 0.2549, 0.3372
CMYK	0.52, 0.00, 0.11, 0.25
HSL	167°, 43%, 55%
HSV	167°, 52%, 75%
XYZ	29.9929, 41.9668, 44.0669
YIQ	158.3040, -51.6670, -27.3070

Conversions

Conversions Part 2

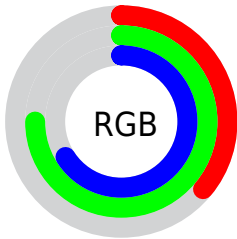
Format	Color
RYB	92, 147, 190
Decimal	6078121
CIELab	70.85, -33.94, 1.80
CIElCh	71, 33.987, 176.965
Yxy	41.9668, 0.2585, 0.3617
Android (android.graphics.Color)	4284268201 (0xFF5CBEA9)
YUV	158.3040, 5.2731, -58.1486
Hunter-Lab	64.7818, -30.7257, 5.0161

Details

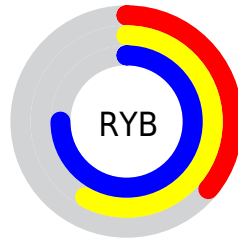
The Yxy color **41.9668, 0.2585, 0.3617** is a dark color, and the websafe version is hex **66CCCC**. A complement of this color would be **19.8003, 0.4261, 0.3008**, and the grayscale version is **34.3360, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.2929, 0.2688, 0.3560**, and **19.1395, 0.2426, 0.3716** is the 20% darker color. If you saturate the color by 10%, you get **40.9587, 0.2520, 0.3693**, and if you desaturate by 10%, it is **43.2284, 0.2667, 0.3544**.

Distribution



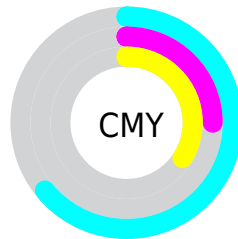
- Red (36%)
- Green (75%)
- Blue (66%)



- Red (36%)
- Yellow (58%)
- Blue (75%)



- Cyan (52%)
- Magenta (0%)
- Yellow (11%)
- Black (25%)





- Cyan (64%)
- Magenta (25%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.9668, 0.2585, 0.3617 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 41.9668, 0.2585, 0.3617 by changing the saturation by 10% instead.


 41.9668, 0.2585,
0.3617

 41.9668, 0.2585,
0.3617


354.3453, 0.2860,
0.3450

 29.0753, 0.2515,
0.3660


 78.1494, 0.2686,
0.3555


 19.1378, 0.2425,
0.3716


 102.2092, 0.2723,
0.3532

 11.7699, 0.2304,
0.3791


 130.7607, 0.2755,
0.3513

 6.5872, 0.2134,
0.3899

 164.1881, 0.2782,
0.3497

 3.2053, 0.1878,
0.4063

202.8758, 0.2806,
0.3483

 1.2398, 0.1137,
0.4506

247.2084, 0.2826,

 0.0939, 0.0000,

0.3470

1.0000

297.5701, 0.2844,
0.3459

0.0000, 0.0000,
0.0000

41.9668, 0.2585,
0.3617

41.9668, 0.2585,
0.3617

40.9587, 0.2520,
0.3693

43.2284, 0.2667,
0.3544

40.1803, 0.2473,
0.3770

44.7552, 0.2763,
0.3475

39.6119, 0.2446,
0.3849

46.5644, 0.2870,
0.3411

39.2279, 0.2438,
0.3927

48.6699, 0.2986,
0.3352

39.0058, 0.2442,
0.3992

51.0851, 0.3108,
0.3298

■ 53.8223, 0.3233,
0.3249

■ 56.8933, 0.3359,
0.3206

■ 60.3091, 0.3484,
0.3167

■ 62.5242, 0.3541,
0.3130

Harmonies

Analogous

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



41.9668, 0.3020, 0.4029



41.9668, 0.2585, 0.3617



41.9668, 0.2307, 0.3126

Triad

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



41.9668, 0.2585, 0.3617



41.9668, 0.2705, 0.2522



41.9668, 0.4105, 0.3736

Complementary

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



41.9668, 0.2585, 0.3617



19.8003, 0.4261, 0.3008

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.



41.9668, 0.4019, 0.3348



41.9668, 0.2585, 0.3617



41.9668, 0.3176, 0.2681

Square

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



41.9668, 0.2585, 0.3617



41.9668, 0.2374, 0.2534



41.9668, 0.3668, 0.2975



41.9668, 0.3907, 0.4052

Rectangle

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



41.9668, 0.2585, 0.3617



41.9668, 0.2235, 0.2849



41.9668, 0.3668, 0.2975



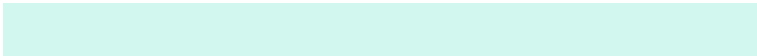
41.9668, 0.4109, 0.3610

Sweetspot

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



41.9685, 0.2585, 0.3617



86.7298, 0.2943, 0.3373



41.1272, 0.3200, 0.4841



18.8656, 0.2918, 0.3386



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



41.9685, 0.2585, 0.3617



73.9966, 0.2512, 0.3704



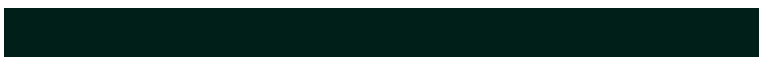
31.9210, 0.2380, 0.2848



10.7736, 0.3013, 0.3340



25.9494, 0.2439, 0.3982



1.0254, 0.2388, 0.3796

Inverse Universe

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



19.8003, 0.4261, 0.3008



29.3698, 0.4681, 0.2969



25.1036, 0.4367, 0.3672



9.5689, 0.3256, 0.3241



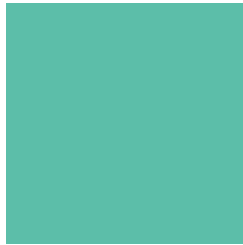
7.3939, 0.6010, 0.3085



0.2995, 0.5338, 0.2714

Previews

White Background



This preview shows how the Yxy color 41.9668, 0.2585, 0.3617 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 41.9668, 0.2585, 0.3617 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

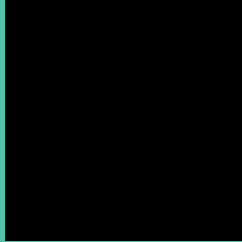
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

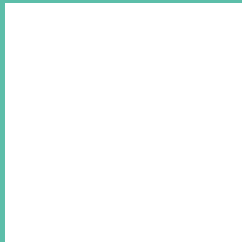
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 41.9668, 0.2585, 0.3617

Background



This preview shows how black text looks on a background with the Yxy color 41.9668, 0.2585, 0.3617.

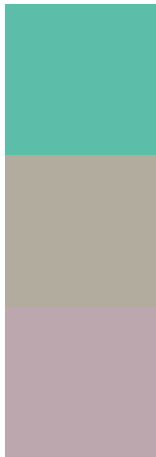


This preview shows how white text looks on a background with the Yxy color 41.9668, 0.2585, 0.3617.

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

41.9668, 0.2585, 0.3617

Protanopia

41.4732, 0.3293, 0.3468

Deuteranopia

41.3848, 0.3261, 0.3198



Tritanopia

41.6928, 0.2447, 0.3068

Trichromacy



Original Color

41.9668, 0.2585, 0.3617

Protanomaly

41.0876, 0.2981, 0.3524

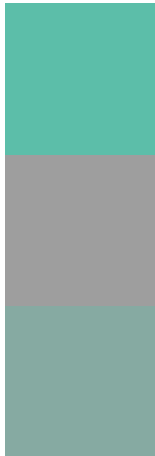
Deuteranomaly

40.4108, 0.2962, 0.3333

Tritanomaly

41.8114, 0.2493, 0.3258

Monochromacy



Original Color

41.9668, 0.2585, 0.3617

Achromatopsia

34.1914, 0.3127, 0.3290

Achromatomaly

36.4264, 0.2879, 0.3412

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.9668, 0.2585, 0.3617 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, 190, 169)` looks like.

```
.text, #text, p{  
    color:rgb(92, 190, 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(92, 190, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 190, 169) }
```

Border

The CSS property to change the border of an element to Yxy 41.9668, 0.2585, 0.3617 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, 190, 169) }
```

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

```
.border{ border-color:rgb(92, 190, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 190, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 190, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 190, 169);  
box-shadow:4px 4px 4px 4px rgb(92, 190,  
169) }
```


Background

The CSS property to change the background color of an element to Yxy 41.9668, 0.2585, 0.3617 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 190, 169) }
```

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

```
.background{ background-color: rgb(92, 190,  
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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