

Converting Colors

$Yxy(50.5269, 0.2631, 0.3743)$

Have a look what the booklet for
Yxy(50.5269, 0.2631, 0.3743)
contains.

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Color

Yxy(50.5269, 0.2631, 0.3743)

Conversions

Conversions Part 1

Format	Color
Hex	65CFB0
RGB	101, 207, 176
RGB Percent	40%, 81%, 69%
CMY	0.6039, 0.1882, 0.3099
CMYK	0.51, 0.00, 0.15, 0.19
HSL	162°, 52%, 60%
HSV	162°, 51%, 81%
XYZ	35.5160, 50.5269, 48.9475
YIQ	171.7720, -53.2250, -32.1130

Conversions

Conversions Part 2

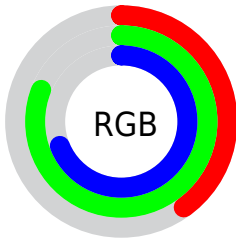
Format	Color
RYB	101, 163, 207
Decimal	6672304
CIELab	76.39, -38.10, 6.09
CIElCh	76, 38.588, 170.926
Yxy	50.5269, 0.2631, 0.3743
Android (android.graphics.Color)	4284862384 (0xFF65CFB0)
YUV	171.7720, 2.0844, -62.0670
Hunter-Lab	71.0823, -35.2072, 8.9303

Details

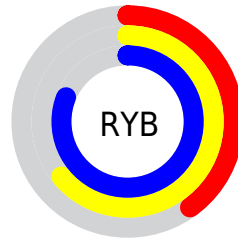
The Yxy color **50.5269, 0.2631, 0.3743** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **24.2431, 0.4138, 0.2903**, and the grayscale version is **41.1453, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.6153, 0.2703, 0.3550**, and **24.3238, 0.2489, 0.3865** is the 20% darker color. If you saturate the color by 10%, you get **49.2461, 0.2572, 0.3850**, and if you desaturate by 10%, it is **52.1233, 0.2706, 0.3641**.

Distribution



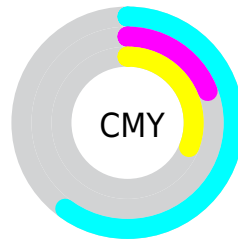
- Red (40%)
- Green (81%)
- Blue (69%)



- Red (40%)
- Yellow (64%)
- Blue (81%)



- Cyan (51%)
- Magenta (0%)
- Yellow (15%)
- Black (19%)




- Cyan (60%)
- Magenta (19%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.5269, 0.2631, 0.3743 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 50.5269, 0.2631, 0.3743 by changing the saturation by 10% instead.

 50.5269, 0.2631,
0.3743

 50.5269, 0.2631,
0.3743


388.7229, 0.2878,
0.3514

 35.8322, 0.2570,
0.3801


 90.9551, 0.2720,
0.3659


 24.3047, 0.2492,
0.3876


 117.4574, 0.2754,
0.3628

 15.5598, 0.2389,
0.3976


 148.6643, 0.2782,
0.3602

 9.2132, 0.2247,
0.4117

 184.9603, 0.2807,
0.3579

 4.8805, 0.2040,
0.4329

226.7298, 0.2828,
0.3560

 2.1773, 0.1709,
0.4683

274.3571, 0.2847,

 0.7076, 0.0000,

0.3542

0.6723

328.2267, 0.2863,
0.3527

■ 0.0000, 0.0000,
0.0000

■ 50.5269, 0.2631,
0.3743

■ 50.5269, 0.2631,
0.3743

■ 49.2461, 0.2572,
0.3850

■ 52.1233, 0.2706,
0.3641

■ 48.2516, 0.2531,
0.3960

■ 54.0502, 0.2795,
0.3544

■ 47.5191, 0.2511,
0.4071

■ 56.3283, 0.2895,
0.3455

■ 47.0169, 0.2510,
0.4182

■ 58.9753, 0.3002,
0.3373

■ 46.7158, 0.2522,
0.4279

■ 62.0075, 0.3114,
0.3298

■ 65.4401, 0.3228,
0.3232

■ 69.2877, 0.3342,
0.3172

■ 71.2934, 0.3367,
0.3115

■ 71.6289, 0.3322,
0.3055

Harmonies

Analogous

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



50.5269, 0.3114, 0.4142



50.5269, 0.2631, 0.3743



50.5269, 0.2298, 0.3214

Triad

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



50.5269, 0.2631, 0.3743



50.5269, 0.2592, 0.2463



50.5269, 0.4177, 0.3679

Complementary

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



50.5269, 0.2631, 0.3743



24.2431, 0.4138, 0.2903

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.



50.5269, 0.4025, 0.3265



50.5269, 0.2631, 0.3743



50.5269, 0.3070, 0.2598

Square

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



50.5269, 0.2631, 0.3743



50.5269, 0.2281, 0.2513



50.5269, 0.3604, 0.2883



50.5269, 0.4020, 0.4042

Rectangle

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



50.5269, 0.2631, 0.3743



50.5269, 0.2193, 0.2898



50.5269, 0.3604, 0.2883



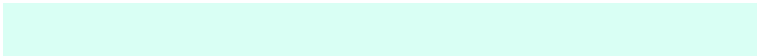
50.5269, 0.4161, 0.3542

Sweetspot

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



50.5289, 0.2631, 0.3743



92.7533, 0.2958, 0.3405



50.5384, 0.3264, 0.4808



19.6595, 0.2936, 0.3422



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.



50.5289, 0.2631, 0.3743



78.8253, 0.2569, 0.3856



42.3088, 0.2407, 0.2982



13.3457, 0.3021, 0.3359



29.4492, 0.2518, 0.4263



1.6601, 0.2462, 0.4062

Inverse Universe

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



24.2431, 0.4138, 0.2903



32.3126, 0.4481, 0.2847



28.1772, 0.4431, 0.3560



11.8643, 0.3245, 0.3222



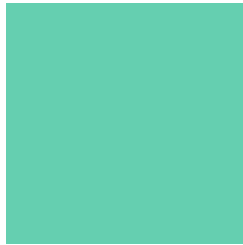
8.5817, 0.5772, 0.2953



0.4937, 0.5239, 0.2660

Previews

White Background



This preview shows how the Yxy color 50.5269, 0.2631, 0.3743 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 50.5269, 0.2631, 0.3743 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 50.5269, 0.2631, 0.3743

Background



This preview shows how black text looks on a background with the Yxy color 50.5269, 0.2631, 0.3743.

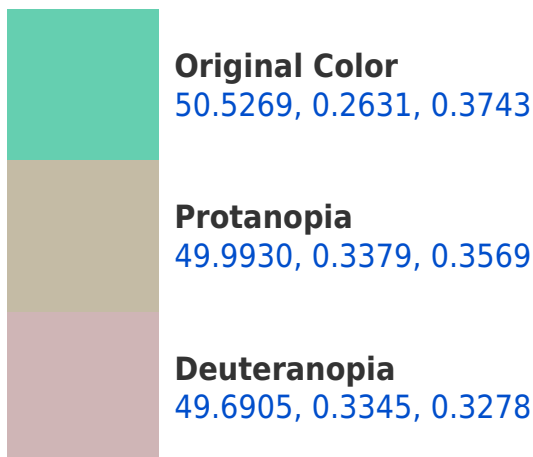


This preview shows how white text looks on a background with the Yxy color 50.5269, 0.2631, 0.3743.

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

50.3605, 0.2461, 0.3072

Trichromacy



Original Color

50.5269, 0.2631, 0.3743



Protanomaly

49.0252, 0.3048, 0.3631



Deuteranomaly

48.4470, 0.3024, 0.3423



Tritanomaly

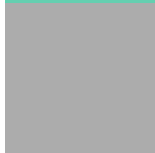
50.2273, 0.2520, 0.3302

Monochromacy



Original Color

50.5269, 0.2631, 0.3743



Achromatopsia

41.2543, 0.3127, 0.3290



Achromatomaly

43.8260, 0.2902, 0.3461

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.5269, 0.2631, 0.3743 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(101, 207, 176)` looks like.

```
.text, #text, p{  
    color:rgb(101, 207, 176)  
}
```

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(101, 207, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 207, 176) }
```

Border

The CSS property to change the border of an element to Yxy 50.5269, 0.2631, 0.3743 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(101, 207, 176) }
```

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

```
.border{ border-color:rgb(101, 207, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 207, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 207, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 207, 176);  
box-shadow:4px 4px 4px 4px rgb(101, 207,  
176) }
```


Background

The CSS property to change the background color of an element to Yxy 50.5269, 0.2631, 0.3743 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 207, 176) }
```

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

```
.background{ background-color: rgb(101,  
207, 176) }
```

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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