

Converting Colors

$Y_{xy}(43.0696, 0.2525, 0.3203)$

Have a look what the booklet for
Yxy(43.0696, 0.2525, 0.3203)
contains.

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Color

Yxy(43.1127, 0.2526, 0.3200)

Conversions

Conversions Part 1

Format	Color
Hex	6DBCC2
RGB	109, 188, 194
RGB Percent	43%, 74%, 76%
CMY	0.5724, 0.2628, 0.2391
CMYK	0.44, 0.03, 0.00, 0.24
HSL	184°, 41%, 59%
HSV	184°, 44%, 76%
XYZ	34.0321, 43.1127, 57.5824
YIQ	165.0630, -49.0100, -14.8820

Conversions

Conversions Part 2

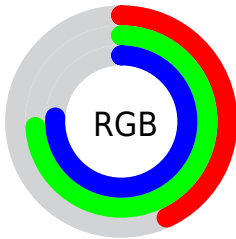
Format	Color
RYB	109, 150, 194
Decimal	7191746
CIELab	71.63, -22.67, -10.65
CIELCh	72, 25.049, 205.154
Yxy	43.1127, 0.2526, 0.3200
Android (android.graphics.Color)	4285381826 (0xFF6DBCC2)
YUV	165.0630, 14.2659, -49.1673
Hunter-Lab	65.6603, -22.3879, -6.0337

Details

The Yxy color **43.1127, 0.2526, 0.3200** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **24.8526, 0.4231, 0.3375**, and the grayscale version is **37.6109, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.6028, 0.2635, 0.3221**, and **19.6737, 0.2360, 0.3164** is the 20% darker color. If you saturate the color by 10%, you get **41.4309, 0.2424, 0.3177**, and if you desaturate by 10%, it is **45.0751, 0.2644, 0.3223**.

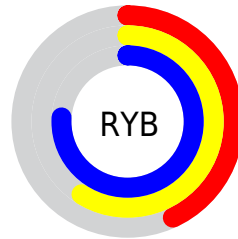
Distribution



Red (43%)

Green (74%)

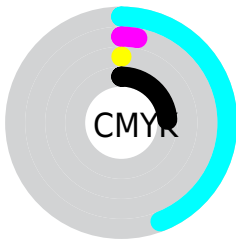
Blue (76%)



Red (43%)

Yellow (59%)

Blue (76%)

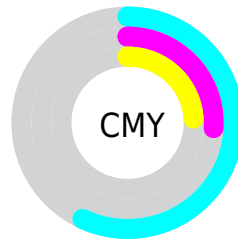


Cyan (44%)

Magenta (3%)

Yellow (0%)

Black (24%)



Cyan (57%)


Magenta (26%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.1127, 0.2526, 0.3200 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 43.1127, 0.2526, 0.3200 by changing the saturation by 10% instead.


 43.1127, 0.2526,
0.3200


 43.1127, 0.2526,
0.3200


359.0750, 0.2825,
0.3252


 29.9736, 0.2452,
0.3185


 79.8809, 0.2634,
0.3221


 19.8185, 0.2359,
0.3164


 104.2787, 0.2675,
0.3228

 12.2632, 0.2235,
0.3134


 133.1983, 0.2709,
0.3234

 6.9232, 0.2066,
0.3088

 167.0239, 0.2739,
0.3239

 3.4141, 0.1821,
0.3010

206.1400, 0.2764,
0.3243

 1.3516, 0.1421,
0.2865

250.9309, 0.2787,

 0.1806, 0.0000,

0.3246

0.1610

301.7812, 0.2807,
0.3249

0.0000, 0.0000,
0.0000

43.1127, 0.2526,
0.3200

43.1127, 0.2526,
0.3200

41.4309, 0.2424,
0.3177

45.0751, 0.2644,
0.3223

40.0066, 0.2339,
0.3153

47.3294, 0.2776,
0.3244

38.8211, 0.2273,
0.3128


49.8925, 0.2919,
0.3265


37.8512, 0.2226,
0.3104

52.7785, 0.3069,
0.3283

37.0685, 0.2197,
0.3081

56.0006, 0.3223,
0.3300

 36.6444, 0.2185,
0.3066

 59.5712, 0.3380,
0.3316

 63.5021, 0.3537,
0.3330

 66.0078, 0.3616,
0.3343

 66.6442, 0.3613,
0.3357

Harmonies

Analogous

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



43.1127, 0.2747, 0.3549



43.1127, 0.2526, 0.3200



43.1127, 0.2459, 0.2904

Triad

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



43.1127, 0.2526, 0.3200



43.1127, 0.3145, 0.2823



43.1127, 0.3717, 0.3846

Complementary

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



43.1127, 0.2526, 0.3200



24.8526, 0.4231, 0.3375

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.



43.1127, 0.3844, 0.3617



43.1127, 0.2526, 0.3200



43.1127, 0.3504, 0.3042

Square

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



43.1127, 0.2526, 0.3200



43.1127, 0.2800, 0.2710



43.1127, 0.3765, 0.3326



43.1127, 0.3433, 0.3936

Rectangle

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



43.1127, 0.2526, 0.3200



43.1127, 0.2505, 0.2775



43.1127, 0.3765, 0.3326



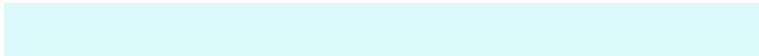
43.1127, 0.3780, 0.3781

Sweetspot

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



43.1144, 0.2526, 0.3200



90.6618, 0.2927, 0.3266



43.0797, 0.3029, 0.4549



19.6125, 0.2894, 0.3261



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.



43.1144, 0.2526, 0.3200



75.0295, 0.2423, 0.3176



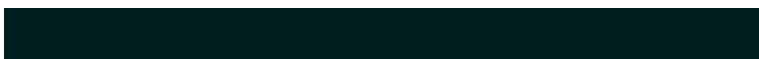
27.6643, 0.2414, 0.2538



11.3021, 0.2984, 0.3273



24.1355, 0.2186, 0.3069



1.0801, 0.2201, 0.3122

Inverse Universe

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



26.0469, 0.3242, 0.2295



40.3589, 0.3272, 0.2095



36.7575, 0.3970, 0.3932



10.2348, 0.3148, 0.3079



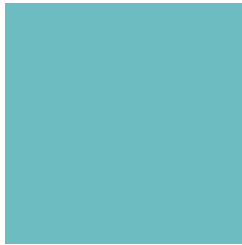
9.7187, 0.3394, 0.1643



0.4237, 0.3348, 0.1618

Previews

White Background



This preview shows how the Yxy color 43.1127, 0.2526, 0.3200 looks on a white background.

Color Contrast Check

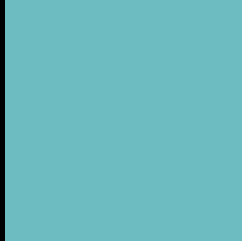
Large Text (above 18pt) WCAG AA × Fail

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 43.1127, 0.2526, 0.3200 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

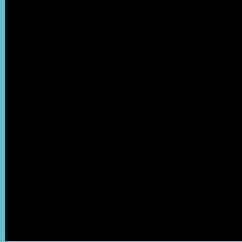
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.1127, 0.2526, 0.3200

Background



This preview shows how black text looks on a background with the Yxy color 43.1127, 0.2526, 0.3200.

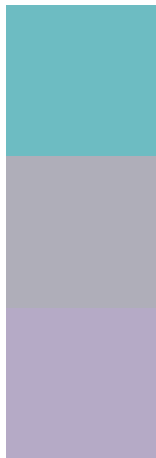


This preview shows how white text looks on a background with the Yxy color 43.1127, 0.2526, 0.3200.

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

43.1127, 0.2526, 0.3200

Protanopia

42.8888, 0.3047, 0.3143

Deuteranopia

42.6504, 0.2995, 0.2929



Tritanopia

43.1844, 0.2489, 0.3073

Trichromacy



Original Color

43.1127, 0.2526, 0.3200

Protanomaly

42.4503, 0.2829, 0.3164

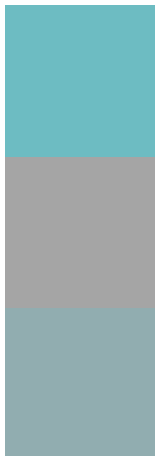
Deuteranomaly

42.4441, 0.2794, 0.3017

Tritanomaly

42.9792, 0.2501, 0.3114

Monochromacy



Original Color

43.1127, 0.2526, 0.3200

Achromatopsia

37.6262, 0.3127, 0.3290

Achromatomaly

39.0415, 0.2864, 0.3246

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.1127, 0.2526, 0.3200 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(109, 188, 194)` looks like.

```
.text, #text, p{  
    color:rgb(109, 188, 194)  
}
```

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(109, 188, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 188, 194) }
```

Border

The CSS property to change the border of an element to Yxy 43.1127, 0.2526, 0.3200 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(109, 188, 194) }
```

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

```
.border{ border-color:rgb(109, 188, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 188, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 188, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 188, 194);  
box-shadow:4px 4px 4px 4px rgb(109, 188,  
194) }
```


Background

The CSS property to change the background color of an element to Yxy 43.1127, 0.2526, 0.3200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 188, 194) }
```

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

```
.background{ background-color: rgb(109,  
188, 194) }
```

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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