

Converting Colors

$Yxy(48.9817, 0.2502, 0.3199)$

Have a look what the booklet for
Yxy(48.9817, 0.2502, 0.3199)
contains.

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Color

Yxy(49.1443, 0.2501, 0.3205)

Conversions

Conversions Part 1

Format	Color
Hex	6FC8CE
RGB	111, 200, 206
RGB Percent	44%, 78%, 81%
CMY	0.5646, 0.2157, 0.1922
CMYK	0.46, 0.03, 0.00, 0.19
HSL	184°, 49%, 62%
HSV	184°, 46%, 81%
XYZ	38.3494, 49.1443, 65.8426
YIQ	174.0730, -54.9700, -17.0020

Conversions

Conversions Part 2

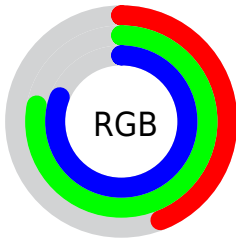
Format	Color
RYB	111, 157, 206
Decimal	7325902
CIELab	75.54, -25.11, -11.30
CIELCh	76, 27.530, 204.228
Yxy	49.1443, 0.2501, 0.3205
Android (android.graphics.Color)	4285515982 (0xFF6FC8CE)
YUV	174.0730, 15.7400, -55.3150
Hunter-Lab	70.1030, -25.0329, -6.6147

Details

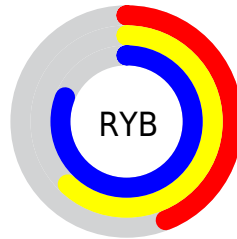
The Yxy color **49.1443, 0.2501, 0.3205** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **26.9876, 0.4330, 0.3370**, and the grayscale version is **42.3080, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.0648, 0.2642, 0.3289**, and **23.5548, 0.2338, 0.3172** is the 20% darker color. If you saturate the color by 10%, you get **47.3625, 0.2403, 0.3184**, and if you desaturate by 10%, it is **51.2430, 0.2615, 0.3225**.

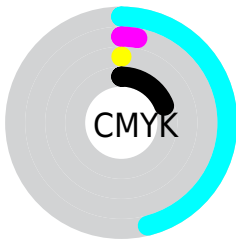
Distribution



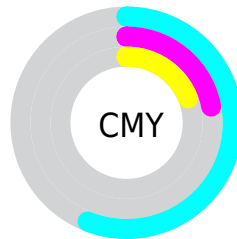
- Red (44%)
- Green (78%)
- Blue (81%)



- Red (44%)
- Yellow (62%)
- Blue (81%)



- Cyan (46%)
- Magenta (3%)
- Yellow (0%)
- Black (19%)



- Cyan (56%)
- Magenta (22%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 49.1443, 0.2501, 0.3205 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 49.1443, 0.2501, 0.3205 by changing the saturation by 10% instead.


 49.1443, 0.2501,
0.3205

 49.1443, 0.2501,
0.3205


383.3101, 0.2805,
0.3254

 34.7340, 0.2428,
0.3191


 88.9057, 0.2609,
0.3224

 23.4580, 0.2337,
0.3172


 115.0256, 0.2650,
0.3231

 14.9321, 0.2218,
0.3144


 145.8175, 0.2686,
0.3237

 8.7717, 0.2058,
0.3103

181.6657, 0.2716,
0.3241

 4.5926, 0.1834,
0.3036

222.9547, 0.2742,
0.3245

 2.0103, 0.1500,
0.2913

270.0688, 0.2766,

 0.6134, 0.0000,

0.3249

0.2840

323.3925, 0.2786,
0.3252

0.0000, 0.0000,
0.0000

49.1443, 0.2501,
0.3205

49.1443, 0.2501,
0.3205

47.3625, 0.2403,
0.3184

51.2430, 0.2615,
0.3225

45.8705, 0.2324,
0.3163

53.6724, 0.2744,
0.3245

44.6460, 0.2264,
0.3141


56.4522, 0.2884,
0.3263


43.6606, 0.2223,
0.3120


59.5990, 0.3033,
0.3280

42.8791, 0.2199,
0.3099

63.1282, 0.3188,
0.3296

 42.6035, 0.2192,
0.3091

 67.0545, 0.3345,
0.3310

 71.3533, 0.3502,
0.3323

 71.9921, 0.3499,
0.3336

 72.6361, 0.3497,
0.3349

Harmonies

Analogous

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



49.1443, 0.2737, 0.3573



49.1443, 0.2501, 0.3205



49.1443, 0.2425, 0.2891

Triad

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



49.1443, 0.2501, 0.3205



49.1443, 0.3133, 0.2795



49.1443, 0.3754, 0.3868

Complementary

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



49.1443, 0.2501, 0.3205



26.9876, 0.4330, 0.3370

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.



49.1443, 0.3882, 0.3623



49.1443, 0.2501, 0.3205



49.1443, 0.3512, 0.3022

Square

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



49.1443, 0.2501, 0.3205



49.1443, 0.2773, 0.2681



49.1443, 0.3793, 0.3317



49.1443, 0.3459, 0.3970

Rectangle

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



49.1443, 0.2501, 0.3205



49.1443, 0.2471, 0.2753



49.1443, 0.3793, 0.3317



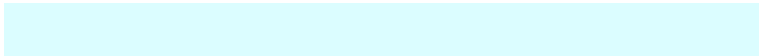
49.1443, 0.3819, 0.3798

Sweetspot

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



49.1462, 0.2501, 0.3205



92.4219, 0.2912, 0.3267



48.7685, 0.3033, 0.4657



19.5554, 0.2881, 0.3263



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.



49.1462, 0.2501, 0.3205



76.8665, 0.2407, 0.3185



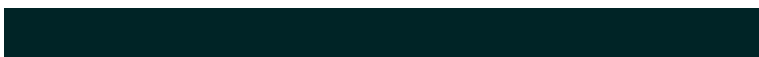
30.8646, 0.2377, 0.2512



12.6014, 0.2984, 0.3275



26.2938, 0.2193, 0.3094



1.3939, 0.2204, 0.3135

Inverse Universe

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



28.6617, 0.3242, 0.2236



40.1292, 0.3268, 0.2049



40.5487, 0.4037, 0.3949



11.3911, 0.3147, 0.3076



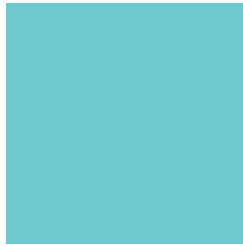
10.4574, 0.3372, 0.1631



0.5433, 0.3337, 0.1612

Previews

White Background



This preview shows how the Yxy color 49.1443, 0.2501, 0.3205 looks on a white background.

Color Contrast Check

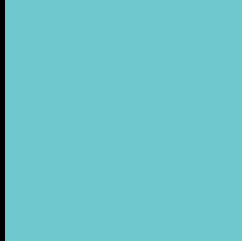
Large Text (above 18pt) WCAG AA × Fail

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 49.1443, 0.2501, 0.3205 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

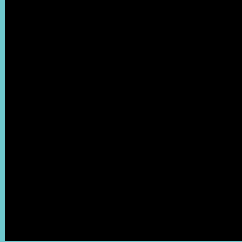
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 49.1443, 0.2501, 0.3205

Background



This preview shows how black text looks on a background with the Yxy color 49.1443, 0.2501, 0.3205.

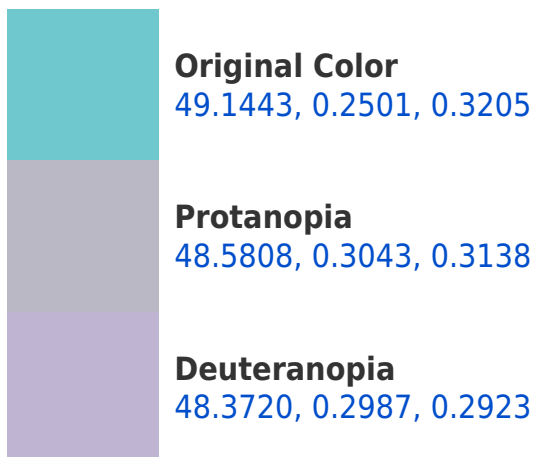


This preview shows how white text looks on a background with the Yxy color 49.1443, 0.2501, 0.3205.

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

49.3306, 0.2466, 0.3070

Trichromacy



Original Color

49.1443, 0.2501, 0.3205

Protanomaly

48.2661, 0.2808, 0.3157

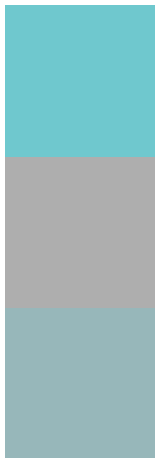
Deuteranomaly

47.8255, 0.2775, 0.3004

Tritanomaly

49.1110, 0.2477, 0.3110

Monochromacy



Original Color

49.1443, 0.2501, 0.3205

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

43.9915, 0.2846, 0.3247

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.1443, 0.2501, 0.3205 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(111, 200, 206)` looks like.

```
.text, #text, p{  
    color:rgb(111, 200, 206)  
}
```

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(111, 200, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 200, 206) }
```

Border

The CSS property to change the border of an element to Yxy 49.1443, 0.2501, 0.3205 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(111, 200, 206) }
```

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

```
.border{ border-color:rgb(111, 200, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 200, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(111, 200, 206); -webkit-box-shadow:4px 4px 4px 4px rgb(111, 200, 206); box-shadow:4px 4px 4px 4px rgb(111, 200, 206) }
```


Background

The CSS property to change the background color of an element to Yxy 49.1443, 0.2501, 0.3205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 200, 206) }
```

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

```
.background{ background-color: rgb(111,  
200, 206) }
```

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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