

Converting Colors

$Yxy(43.2759, 0.2468, 0.3105)$

Have a look what the booklet for
Yxy(43.2759, 0.2468, 0.3105)
contains.

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Color

Yxy(43.1867, 0.2466, 0.3100)

Conversions

Conversions Part 1

Format	Color
Hex	69BCC9
RGB	105, 188, 201
RGB Percent	41%, 74%, 79%
CMY	0.5880, 0.2628, 0.2118
CMYK	0.48, 0.06, 0.00, 0.21
HSL	188°, 47%, 60%
HSV	188°, 48%, 79%
XYZ	34.3543, 43.1867, 61.7709
YIQ	164.6650, -53.6410, -13.5530

Conversions

Conversions Part 2

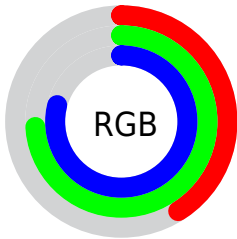
Format	Color
RYB	105, 150, 201
Decimal	6929609
CIELab	71.68, -21.77, -14.39
CIElCh	72, 26.099, 213.463
Yxy	43.1867, 0.2466, 0.3100
Android (android.graphics.Color)	4285119689 (0xFF69BCC9)
YUV	164.6650, 17.9132, -52.3262
Hunter-Lab	65.7166, -21.6905, -9.7286

Details

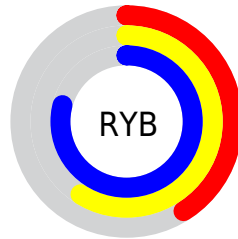
The Yxy color **43.1867, 0.2466, 0.3100** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **26.4027, 0.4343, 0.3463**, and the grayscale version is **37.3966, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.6027, 0.2597, 0.3166**, and **19.9924, 0.2286, 0.3044** is the 20% darker color. If you saturate the color by 10%, you get **40.9596, 0.2363, 0.3054**, and if you desaturate by 10%, it is **45.7266, 0.2585, 0.3145**.

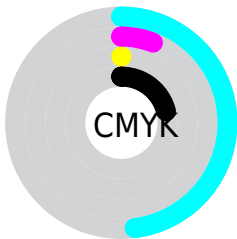
Distribution



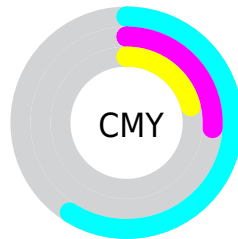
- Red (41%)
- Green (74%)
- Blue (79%)



- Red (41%)
- Yellow (59%)
- Blue (79%)



- Cyan (48%)
- Magenta (6%)
- Yellow (0%)
- Black (21%)





- Cyan (59%)
- Magenta (26%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.1867, 0.2466, 0.3100 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 43.1867, 0.2466, 0.3100 by changing the saturation by 10% instead.


 43.1867, 0.2466,
0.3100


 43.1867, 0.2466,
0.3100


359.3790, 0.2793,
0.3204

 30.0316, 0.2386,
0.3072


 79.9925, 0.2584,
0.3140

 19.8626, 0.2285,
0.3033


 104.4121, 0.2628,
0.3154

 12.2952, 0.2152,
0.2980


 133.3552, 0.2666,
0.3166

 6.9451, 0.1971,
0.2902

 167.2064, 0.2698,
0.3176

 3.4278, 0.1714,
0.2776

206.3499, 0.2727,
0.3184

 1.3589, 0.1312,
0.2555

251.1703, 0.2751,

 0.1862, 0.0000,

0.3192

0.1314

302.0519, 0.2773,
0.3198

0.0000, 0.0000,
0.0000

43.1867, 0.2466,
0.3100

43.1867, 0.2466,
0.3100

40.9596, 0.2363,
0.3054

45.7266, 0.2585,
0.3145

39.0198, 0.2277,
0.3006

48.5930, 0.2717,
0.3187

37.3453, 0.2210,
0.2959

51.8048, 0.2860,
0.3227

35.9089, 0.2163,
0.2911

55.3777, 0.3009,
0.3264

34.6710, 0.2132,
0.2864

59.3267, 0.3162,
0.3297

■ 34.4024, 0.2126,
0.2853

■ 63.6656, 0.3317,
0.3328

■ 68.4078, 0.3471,
0.3355

■ 71.4509, 0.3538,
0.3381

■ 72.8036, 0.3533,
0.3409

Harmonies

Analogous

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



43.1867, 0.2654, 0.3460



43.1867, 0.2466, 0.3100



43.1867, 0.2444, 0.2824

Triad

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



43.1867, 0.2466, 0.3100



43.1867, 0.3252, 0.2858



43.1867, 0.3672, 0.3912

Complementary

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



43.1867, 0.2466, 0.3100



26.4027, 0.4343, 0.3463

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.



43.1867, 0.3857, 0.3705



43.1867, 0.2466, 0.3100



43.1867, 0.3610, 0.3109

Square

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



43.1867, 0.2466, 0.3100



43.1867, 0.2879, 0.2707



43.1867, 0.3836, 0.3412



43.1867, 0.3345, 0.3954

Rectangle

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



43.1867, 0.2466, 0.3100



43.1867, 0.2523, 0.2718



43.1867, 0.3836, 0.3412



43.1867, 0.3754, 0.3858

Sweetspot

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



43.1884, 0.2466, 0.3100



90.8023, 0.2912, 0.3240



46.0755, 0.2984, 0.4587



19.1565, 0.2879, 0.3232



0.0000, 0.0000, 0.0000



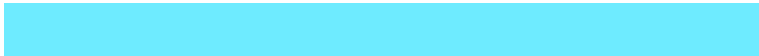
21.4041, 0.3127, 0.3290

Same Dimension

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



43.1884, 0.2466, 0.3100



70.1165, 0.2362, 0.3053



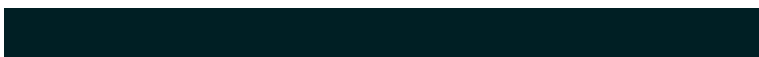
26.0464, 0.2328, 0.2352



11.8132, 0.2984, 0.3258



21.7339, 0.2128, 0.2860



1.0986, 0.2155, 0.2958

Inverse Universe

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



26.1607, 0.3324, 0.2275



38.3535, 0.3375, 0.2094



40.6391, 0.4024, 0.4065



10.7910, 0.3158, 0.3093



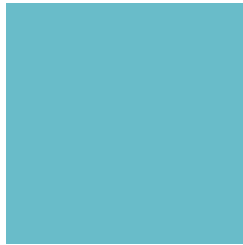
9.7340, 0.3580, 0.1746



0.4679, 0.3491, 0.1697

Previews

White Background



This preview shows how the Yxy color 43.1867, 0.2466, 0.3100 looks on a white background.

Color Contrast Check

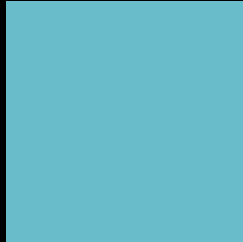
Large Text (above 18pt) WCAG AA × Fail

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 43.1867, 0.2466, 0.3100 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

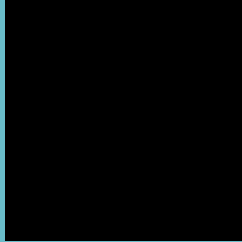
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.1867, 0.2466, 0.3100

Background



This preview shows how black text looks on a background with the Yxy color 43.1867, 0.2466, 0.3100.

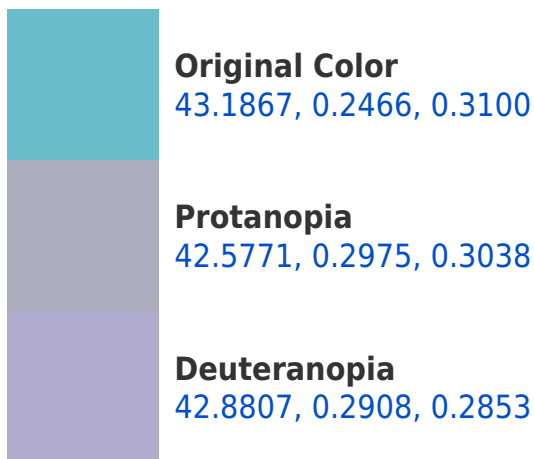


This preview shows how white text looks on a background with the Yxy color 43.1867, 0.2466, 0.3100.

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

43.3424, 0.2460, 0.3072

Trichromacy



Original Color

43.1867, 0.2466, 0.3100

Protanomaly

42.0768, 0.2756, 0.3053

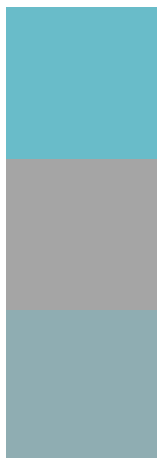
Deuteranomaly

42.3832, 0.2716, 0.2923

Tritanomaly

43.2949, 0.2465, 0.3086

Monochromacy



Original Color

43.1867, 0.2466, 0.3100

Achromatopsia

37.6262, 0.3127, 0.3290

Achromatomaly

38.9411, 0.2834, 0.3216

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.1867, 0.2466, 0.3100 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(105, 188, 201)` looks like.

```
.text, #text, p{  
    color:rgb(105, 188, 201)  
}
```

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(105, 188, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 188, 201) }
```

Border

The CSS property to change the border of an element to Yxy 43.1867, 0.2466, 0.3100 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(105, 188, 201) }
```

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

```
.border{ border-color:rgb(105, 188, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 188, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 188, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 188, 201);  
box-shadow:4px 4px 4px 4px rgb(105, 188,  
201) }
```


Background

The CSS property to change the background color of an element to Yxy 43.1867, 0.2466, 0.3100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 188, 201) }
```

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

```
.background{ background-color: rgb(105,  
188, 201) }
```

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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