

Converting Colors

$Yxy(43.6643, 0.2497, 0.3230)$

Have a look what the booklet for
Yxy(43.6643, 0.2497, 0.3230)
contains.

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Color

Yxy(43.6055, 0.2499, 0.3229)

Conversions

Conversions Part 1

Format	Color
Hex	67BEC2
RGB	103, 190, 194
RGB Percent	40%, 75%, 76%
CMY	0.5960, 0.2549, 0.2391
CMYK	0.47, 0.02, 0.00, 0.24
HSL	183°, 43%, 58%
HSV	183°, 47%, 76%
XYZ	33.7473, 43.6055, 57.6905
YIQ	164.4430, -53.1360, -17.2000

Conversions

Conversions Part 2

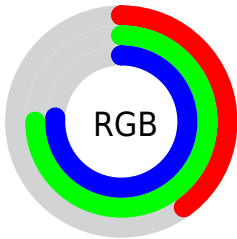
Format	Color
R _Y B	103, 147, 194
Decimal	6799042
CIE Lab	71.96, -25.10, -10.18
CIE LCh	72, 27.084, 202.066
Yxy	43.6055, 0.2499, 0.3229
Android (android.graphics.Color)	4284989122 (0xFF67BEC2)
YUV	164.4430, 14.5716, -53.8855
Hunter-Lab	66.0345, -24.3367, -5.5742

Details

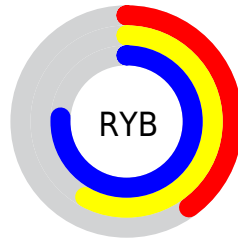
The Yxy color **43.6055, 0.2499, 0.3229** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **22.9752, 0.4366, 0.3348**, and the grayscale version is **37.2972, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.8972, 0.2616, 0.3255**, and **20.0154, 0.2327, 0.3205** is the 20% darker color. If you saturate the color by 10%, you get **42.2192, 0.2405, 0.3214**, and if you desaturate by 10%, it is **45.2636, 0.2610, 0.3243**.

Distribution



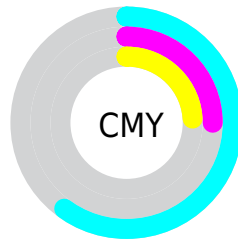
- Red (40%)
- Green (75%)
- Blue (76%)



- Red (40%)
- Yellow (58%)
- Blue (76%)



- Cyan (47%)
- Magenta (2%)
- Yellow (0%)
- Black (24%)





- Cyan (60%)
- Magenta (25%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.6055, 0.2499, 0.3229 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 43.6055, 0.2499, 0.3229 by changing the saturation by 10% instead.


 43.6055, 0.2499,
0.3229


 43.6055, 0.2499,
0.3229


361.0960, 0.2810,
0.3267

 30.3605, 0.2423,
0.3217


 80.6238, 0.2611,
0.3245

 20.1124, 0.2325,
0.3201


 105.1659, 0.2654,
0.3250

 12.4768, 0.2197,
0.3176


 134.2424, 0.2690,
0.3254

 7.0692, 0.2023,
0.3138

 168.2378, 0.2721,
0.3258

 3.5054, 0.1771,
0.3071

207.5365, 0.2747,
0.3261

 1.4010, 0.1358,
0.2945

252.5228, 0.2771,

 0.2174, 0.0000,

0.3263

0.1865

303.5812, 0.2792,
0.3265

0.0000, 0.0000,
0.0000

43.6055, 0.2499,
0.3229

43.6055, 0.2499,
0.3229

42.2192, 0.2405,
0.3214

45.2636, 0.2610,
0.3243

41.0809, 0.2330,
0.3199

47.2053, 0.2736,
0.3257

40.1711, 0.2273,
0.3185

49.4477, 0.2874,
0.3270


39.4654, 0.2235,
0.3170


52.0053, 0.3021,
0.3282

38.9305, 0.2214,
0.3156

54.8915, 0.3175,
0.3293

 38.7803, 0.2209,
0.3151

 58.1189, 0.3333,
0.3304

 61.6996, 0.3491,
0.3313

 65.0267, 0.3622,
0.3321

 65.4172, 0.3620,
0.3330

Harmonies

Analogous

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



43.6055, 0.2750, 0.3606



43.6055, 0.2499, 0.3229



43.6055, 0.2410, 0.2901

Triad

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



43.6055, 0.2499, 0.3229



43.6055, 0.3105, 0.2771



43.6055, 0.3785, 0.3867

Complementary

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



43.6055, 0.2499, 0.3229



22.9752, 0.4366, 0.3348

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.



43.6055, 0.3901, 0.3608



43.6055, 0.2499, 0.3229



43.6055, 0.3495, 0.2996

Square

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



43.6055, 0.2499, 0.3229



43.6055, 0.2742, 0.2665



43.6055, 0.3794, 0.3294



43.6055, 0.3492, 0.3986

Rectangle

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



43.6055, 0.2499, 0.3229



43.6055, 0.2448, 0.2753



43.6055, 0.3794, 0.3294



43.6055, 0.3847, 0.3792

Sweetspot

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



43.6072, 0.2499, 0.3229



90.7488, 0.2913, 0.3273



42.5203, 0.3041, 0.4702



19.6594, 0.2881, 0.3271



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.



43.6072, 0.2499, 0.3229



76.4737, 0.2405, 0.3214



27.1796, 0.2372, 0.2524



11.3496, 0.2984, 0.3279



25.5224, 0.2209, 0.3153



1.1267, 0.2218, 0.3185

Inverse Universe

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



24.8932, 0.3224, 0.2205



38.8315, 0.3246, 0.2012



34.7634, 0.4062, 0.3938



10.2396, 0.3144, 0.3073



9.8587, 0.3322, 0.1604



0.4284, 0.3294, 0.1589

Previews

White Background



This preview shows how the Yxy color 43.6055, 0.2499, 0.3229 looks on a white background.

Color Contrast Check

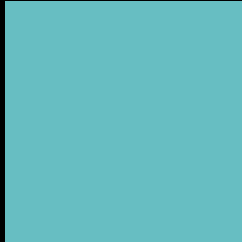
Large Text (above 18pt) WCAG AA × Fail

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 43.6055, 0.2499, 0.3229 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

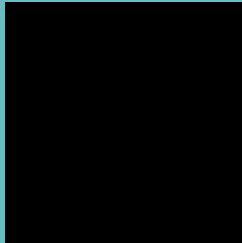
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

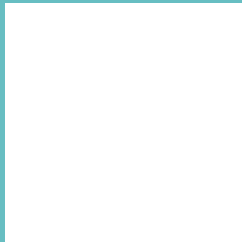
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.6055, 0.2499, 0.3229

Background



This preview shows how black text looks on a background with the Yxy color 43.6055, 0.2499, 0.3229.

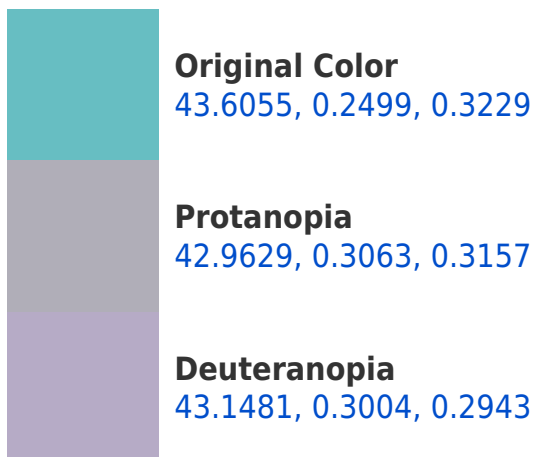


This preview shows how white text looks on a background with the Yxy color 43.6055, 0.2499, 0.3229.

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

43.3902, 0.2455, 0.3058

Trichromacy



Original Color

43.6055, 0.2499, 0.3229

Protanomaly

42.6629, 0.2815, 0.3177

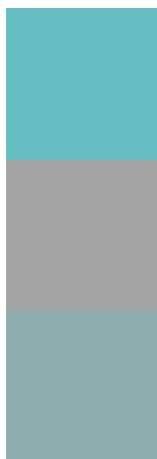
Deuteranomaly

42.6443, 0.2780, 0.3029

Tritanomaly

43.5686, 0.2474, 0.3129

Monochromacy



Original Color

43.6055, 0.2499, 0.3229

Achromatopsia

37.1238, 0.3127, 0.3290

Achromatomaly

38.7331, 0.2848, 0.3260

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.6055, 0.2499, 0.3229 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(103, 190, 194)` looks like.

```
.text, #text, p{  
    color:rgb(103, 190, 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(103, 190, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 190, 194) }
```

Border

The CSS property to change the border of an element to Yxy 43.6055, 0.2499, 0.3229 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(103, 190, 194) }
```

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

```
.border{ border-color:rgb(103, 190, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 190, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 190, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 190, 194);  
box-shadow:4px 4px 4px 4px rgb(103, 190,  
194) }
```


Background

The CSS property to change the background color of an element to Yxy 43.6055, 0.2499, 0.3229 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 190, 194) }
```

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

```
.background{ background-color: rgb(103,  
190, 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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