

Converting Colors

Yxy(43.4664, 0.2481, 0.3098)

Have a look what the booklet for
Yxy(43.4664, 0.2481, 0.3098)
contains.

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Color

Yxy(43.3716, 0.2481, 0.3101)

Conversions

Conversions Part 1

Format	Color
Hex	6CBCC9
RGB	108, 188, 201
RGB Percent	42%, 74%, 79%
CMY	0.5768, 0.2627, 0.2118
CMYK	0.46, 0.06, 0.00, 0.21
HSL	188°, 46%, 61%
HSV	188°, 46%, 79%
XYZ	34.7001, 43.3716, 61.7916
YIQ	165.5620, -51.8530, -12.9170

Conversions

Conversions Part 2

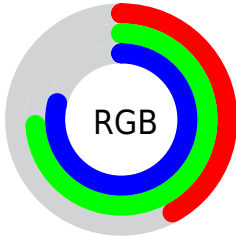
Format	Color
R _Y B	108, 151, 201
Decimal	7126217
CIE Lab	71.81, -21.12, -14.19
CIE LCh	72, 25.447, 213.903
Yxy	43.3716, 0.2481, 0.3101
Android (android.graphics.Color)	4285316297 (0xFF6CBCC9)
YUV	165.5620, 17.4709, -50.4819
Hunter-Lab	65.8571, -21.1984, -9.5299

Details

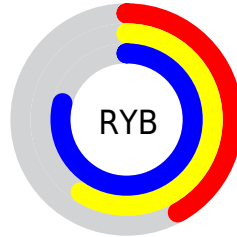
The Yxy color **43.3716, 0.2481, 0.3101** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **27.1408, 0.4288, 0.3463**, and the grayscale version is **37.8344, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.8139, 0.2607, 0.3166**, and **20.1126, 0.2309, 0.3045** is the 20% darker color. If you saturate the color by 10%, you get **41.0714, 0.2375, 0.3053**, and if you desaturate by 10%, it is **45.9888, 0.2603, 0.3147**.

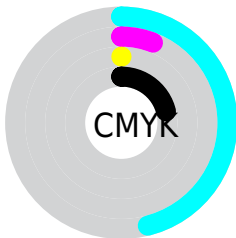
Distribution



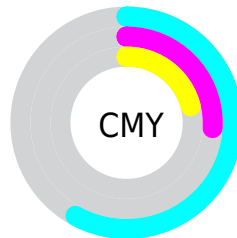
- Red (42%)
- Green (74%)
- Blue (79%)



- Red (42%)
- Yellow (59%)
- Blue (79%)



- Cyan (46%)
- Magenta (6%)
- Yellow (0%)
- Black (21%)





- Cyan (58%)
- Magenta (26%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.3716, 0.2481, 0.3101 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 43.3716, 0.2481, 0.3101 by changing the saturation by 10% instead.


 43.3716, 0.2481,
0.3101


 43.3716, 0.2481,
0.3101


360.1377, 0.2800,
0.3204

 30.1768, 0.2403,
0.3073


 80.2713, 0.2596,
0.3140

 19.9728, 0.2304,
0.3035


 104.7450, 0.2639,
0.3154

 12.3753, 0.2174,
0.2983

 133.7471, 0.2676,
0.3166

 6.9998, 0.1997,
0.2906

 167.6620, 0.2708,
0.3176

 3.4620, 0.1744,
0.2783

206.8742, 0.2736,
0.3185

 1.3774, 0.1353,
0.2565

251.7679, 0.2760,

 0.2000, 0.0000,

0.3192

0.1397

302.7276, 0.2781,
0.3198

0.0000, 0.0000,
0.0000

43.3716, 0.2481,
0.3101

43.3716, 0.2481,
0.3101

41.0714, 0.2375,
0.3053

45.9888, 0.2603,
0.3147

39.0626, 0.2286,
0.3005

48.9363, 0.2737,
0.3190

37.3242, 0.2216,
0.2955


52.2328, 0.2880,
0.3231

35.8291, 0.2165,
0.2906

55.8939, 0.3030,
0.3268

34.5435, 0.2132,
0.2858


59.9345, 0.3184,
0.3302

 34.0980, 0.2122,
0.2840

 64.3684, 0.3339,
0.3333

 69.2087, 0.3492,
0.3360

 71.7768, 0.3537,
0.3388

 73.1753, 0.3531,
0.3416

Harmonies

Analogous

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



43.3716, 0.2663, 0.3450



43.3716, 0.2481, 0.3101



43.3716, 0.2462, 0.2834

Triad

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



43.3716, 0.2481, 0.3101



43.3716, 0.3255, 0.2872



43.3716, 0.3655, 0.3898

Complementary

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



43.3716, 0.2481, 0.3101



27.1408, 0.4288, 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.



43.3716, 0.3837, 0.3699



43.3716, 0.2481, 0.3101



43.3716, 0.3601, 0.3118

Square

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



43.3716, 0.2481, 0.3101



43.3716, 0.2890, 0.2723



43.3716, 0.3819, 0.3414



43.3716, 0.3335, 0.3935

Rectangle

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



43.3716, 0.2481, 0.3101



43.3716, 0.2541, 0.2731



43.3716, 0.3819, 0.3414



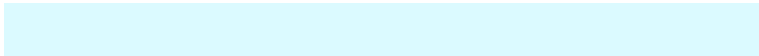
43.3716, 0.3734, 0.3846

Sweetspot

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



43.3733, 0.2481, 0.3101



90.7143, 0.2912, 0.3239



46.3130, 0.2987, 0.4541



19.1348, 0.2879, 0.3230



0.0000, 0.0000, 0.0000



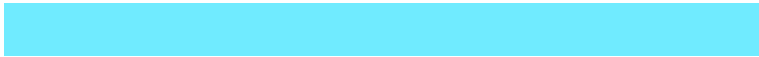
21.4041, 0.3127, 0.3290

Same Dimension

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



43.3733, 0.2481, 0.3101



70.1551, 0.2370, 0.3051



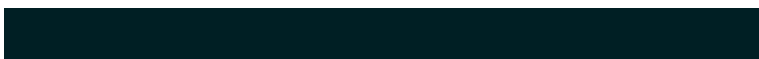
26.7557, 0.2353, 0.2385



11.8058, 0.2984, 0.3257



21.5435, 0.2124, 0.2847



1.0913, 0.2152, 0.2948

Inverse Universe

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



26.7530, 0.3321, 0.2306



38.8968, 0.3375, 0.2115



41.0816, 0.3993, 0.4043



10.7902, 0.3159, 0.3093



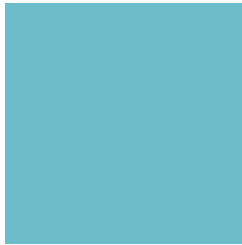
9.7148, 0.3592, 0.1752



0.4672, 0.3500, 0.1702

Previews

White Background



This preview shows how the Yxy color 43.3716, 0.2481, 0.3101 looks on a white background.

Color Contrast Check

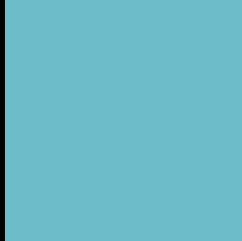
Large Text (above 18pt) WCAG AA × Fail

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 43.3716, 0.2481, 0.3101 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

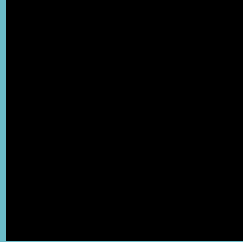
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.3716, 0.2481, 0.3101

Background



This preview shows how black text looks on a background with the Yxy color 43.3716, 0.2481, 0.3101.



This preview shows how white text looks on a background with the Yxy color 43.3716, 0.2481, 0.3101.

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

43.3716, 0.2481, 0.3101

Protanopia

42.9621, 0.2975, 0.3051

Deuteranopia

42.9986, 0.2916, 0.2854



Tritanopia

43.4664, 0.2470, 0.3073

Trichromacy



Original Color

43.3716, 0.2481, 0.3101

Protanomaly

42.5699, 0.2765, 0.3068

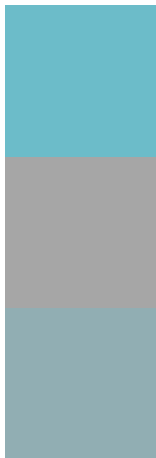
Deuteranomaly

42.5762, 0.2731, 0.2925

Tritanomaly

43.4189, 0.2476, 0.3087

Monochromacy



Original Color

43.3716, 0.2481, 0.3101

Achromatopsia

38.1326, 0.3127, 0.3290

Achromatomaly

39.5465, 0.2843, 0.3217

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.3716, 0.2481, 0.3101 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(108, 188, 201)` looks like.

```
.text, #text, p{  
    color:rgb(108, 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(108, 188, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 188, 201) }
```

Border

The CSS property to change the border of an element to Yxy 43.3716, 0.2481, 0.3101 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(108, 188, 201) }
```

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

```
.border{ border-color:rgb(108, 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(108, 188, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 188, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 188, 201);  
box-shadow:4px 4px 4px 4px rgb(108, 188,  
201) }
```


Background

The CSS property to change the background color of an element to Yxy 43.3716, 0.2481, 0.3101 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 188, 201) }
```

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

```
.background{ background-color: rgb(108,  
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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