

Converting Colors

$Y_{xy}(44.4270, 0.2473, 0.3288)$

Have a look what the booklet for
Yxy(44.4270, 0.2473, 0.3288)
contains.

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Color

Yxy(44.4231, 0.2473, 0.3288)

Conversions

Conversions Part 1

Format	Color
Hex	5FC1C1
RGB	95, 193, 193
RGB Percent	37%, 76%, 76%
CMY	0.6276, 0.2431, 0.2431
CMYK	0.51, 0.00, 0.00, 0.24
HSL	180°, 44%, 56%
HSV	180°, 51%, 76%
XYZ	33.4119, 44.4231, 57.2718
YIQ	163.6980, -58.4080, -20.7760

Conversions

Conversions Part 2

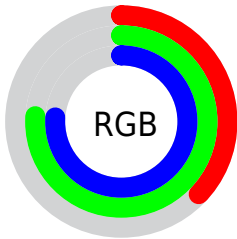
Format	Color
R_{YB}	95, 144, 193
Decimal	6275521
CIE _{Lab}	72.51, -28.63, -8.84
CIE _{LCh}	73, 29.966, 197.158
Yxy	44.4231, 0.2473, 0.3288
Android (android.graphics.Color)	4284465601 (0xFF5FC1C1)
YUV	163.6980, 14.4459, -60.2481
Hunter-Lab	66.6507, -27.1568, -4.2914

Details

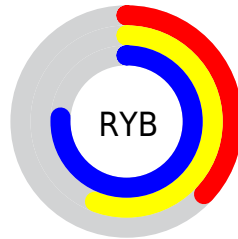
The Yxy color **44.4231, 0.2473, 0.3288** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **20.3410, 0.4559, 0.3294**, and the grayscale version is **36.9200, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.9831, 0.2593, 0.3300**, and **20.6056, 0.2290, 0.3267** is the 20% darker color. If you saturate the color by 10%, you get **43.5164, 0.2391, 0.3288**, and if you desaturate by 10%, it is **45.5892, 0.2573, 0.3288**.

Distribution



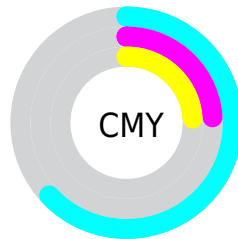
- Red (37%)
- Green (76%)
- Blue (76%)



- Red (37%)
- Yellow (56%)
- Blue (76%)



- Cyan (51%)
- Magenta (0%)
- Yellow (0%)
- Black (24%)





- Cyan (63%)
- Magenta (24%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.4231, 0.2473, 0.3288 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 44.4231, 0.2473, 0.3288 by changing the saturation by 10% instead.


 44.4231, 0.2473,
0.3288


 44.4231, 0.2473,
0.3288


364.4320, 0.2796,
0.3296


 31.0033, 0.2394,
0.3284


 81.8540, 0.2589,
0.3293

 20.6013, 0.2293,
0.3277


 106.6339, 0.2633,
0.3294

 12.8329, 0.2162,
0.3265


 135.9693, 0.2671,
0.3295

 7.3136, 0.1982,
0.3244

 170.2445, 0.2703,
0.3295

 3.6590, 0.1725,
0.3202

209.8440, 0.2731,
0.3296

 1.4847, 0.1298,
0.3121

255.1522, 0.2755,

 0.2779, 0.0000,

0.3296

0.2319

306.5534, 0.2777,
0.3296

0.0000, 0.0000,
0.0000

44.4231, 0.2473,
0.3288

44.4231, 0.2473,
0.3288

43.5164, 0.2391,
0.3288

45.5892, 0.2573,
0.3288

42.8447, 0.2329,
0.3288

47.0269, 0.2690,
0.3289

42.3878, 0.2285,
0.3287

48.7537, 0.2821,
0.3289

42.1194, 0.2259,
0.3287

50.7842, 0.2963,
0.3290

41.9930, 0.2247,
0.3287

53.1319, 0.3115,
0.3290

■ 55.8097, 0.3272,
0.3290

■ 58.8297, 0.3432,
0.3291

■ 62.2033, 0.3593,
0.3291

■ 63.2571, 0.3639,
0.3292

Harmonies

Analogous

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



44.4231, 0.2771, 0.3703



44.4231, 0.2473, 0.3288



44.4231, 0.2346, 0.2910

Triad

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



44.4231, 0.2473, 0.3288



44.4231, 0.3030, 0.2695



44.4231, 0.3885, 0.3881

Complementary

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



44.4231, 0.2473, 0.3288



20.3410, 0.4559, 0.3294

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.



44.4231, 0.3976, 0.3579



44.4231, 0.2473, 0.3288



44.4231, 0.3464, 0.2921

Square

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



44.4231, 0.2473, 0.3288



44.4231, 0.2650, 0.2603



44.4231, 0.3820, 0.3235



44.4231, 0.3587, 0.4049

Rectangle

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



44.4231, 0.2473, 0.3288



44.4231, 0.2367, 0.2733



44.4231, 0.3820, 0.3235



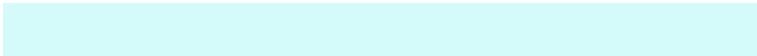
44.4231, 0.3942, 0.3790

Sweetspot

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



44.4248, 0.2473, 0.3288



89.2629, 0.2899, 0.3289



41.4009, 0.3052, 0.4888



18.9854, 0.2869, 0.3289



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



44.4248, 0.2473, 0.3288



77.7684, 0.2383, 0.3288



26.2224, 0.2320, 0.2503



11.4284, 0.2985, 0.3290



27.9265, 0.2247, 0.3287



1.2066, 0.2247, 0.3287

Inverse Universe

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



23.3656, 0.3184, 0.2083



35.8359, 0.3193, 0.1878



32.1056, 0.4183, 0.3946



10.2475, 0.3138, 0.3063



10.1014, 0.3209, 0.1542



0.4365, 0.3209, 0.1542

Previews

White Background



This preview shows how the Yxy color 44.4231, 0.2473, 0.3288 looks on a white background.

Color Contrast Check

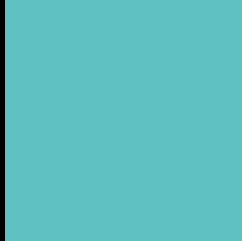
Large Text (above 18pt) WCAG AA × Fail

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 44.4231, 0.2473, 0.3288 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

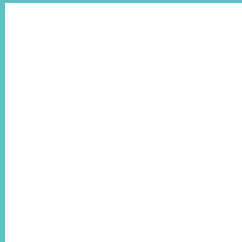
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.4231, 0.2473, 0.3288

Background



This preview shows how black text looks on a background with the Yxy color 44.4231, 0.2473, 0.3288.



This preview shows how white text looks on a background with the Yxy color 44.4231, 0.2473, 0.3288.

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

44.4231, 0.2473, 0.3288

Protanopia

43.9345, 0.3088, 0.3197

Deuteranopia

43.7726, 0.3021, 0.2958



Tritanopia

44.4272, 0.2423, 0.3073

Trichromacy



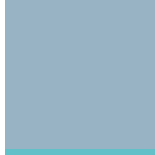
Original Color

44.4231, 0.2473, 0.3288



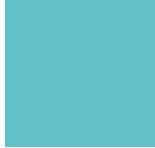
Protanomaly

43.3397, 0.2816, 0.3219



Deuteranomaly

43.3034, 0.2782, 0.3070



Tritanomaly

44.5130, 0.2442, 0.3157

Monochromacy



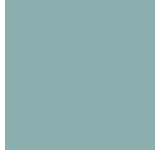
Original Color

44.4231, 0.2473, 0.3288



Achromatopsia

37.1238, 0.3127, 0.3290



Achromatomaly

39.2441, 0.2826, 0.3289

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.4231, 0.2473, 0.3288 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(95, 193, 193)` looks like.

```
.text, #text, p{  
    color:rgb(95, 193, 193)  
}
```

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(95, 193, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 193, 193) }
```

Border

The CSS property to change the border of an element to Yxy 44.4231, 0.2473, 0.3288 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(95, 193, 193) }
```

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

```
.border{ border-color:rgb(95, 193, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 193, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 193, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 193, 193);  
box-shadow:4px 4px 4px 4px rgb(95, 193,  
193) }
```


Background

The CSS property to change the background color of an element to Yxy 44.4231, 0.2473, 0.3288 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 193, 193) }
```

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

```
.background{ background-color: rgb(95, 193,  
193) }
```

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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