

Converting Colors

$Yxy(44.0944, 0.2549, 0.3479)$

Have a look what the booklet for
Yxy(44.0944, 0.2549, 0.3479)
contains.

Yxy(43.9629, 0.2544, 0.3470)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(43.9629, 0.2544, 0.3470)

Conversions

Conversions Part 1

Format	Color
Hex	60C1B5
RGB	96, 193, 181
RGB Percent	38%, 76%, 71%
CMY	0.6237, 0.2431, 0.2902
CMYK	0.50, 0.00, 0.06, 0.24
HSL	173°, 44%, 57%
HSV	173°, 50%, 76%
XYZ	32.2310, 43.9629, 50.5003
YIQ	162.6290, -53.9600, -24.2960

Conversions

Conversions Part 2

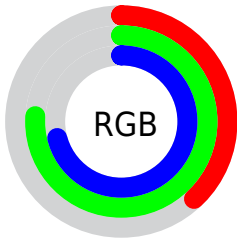
Format	Color
R_{YB}	96, 148, 193
Decimal	6341045
CIE _{Lab}	72.20, -31.52, -2.74
CIE _{LCh}	72, 31.637, 184.965
Yxy	43.9629, 0.2544, 0.3470
Android (android.graphics.Color)	4284531125 (0xFF60C1B5)
YUV	162.6290, 9.0569, -58.4336
Hunter-Lab	66.3045, -29.2630, 1.2554

Details

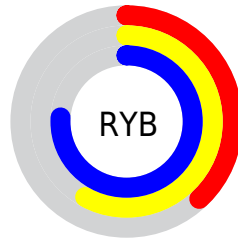
The Yxy color **43.9629, 0.2544, 0.3470** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **20.7805, 0.4354, 0.3133**, and the grayscale version is **36.4143, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.2579, 0.2649, 0.3438**, and **20.3471, 0.2383, 0.3525** is the 20% darker color. If you saturate the color by 10%, you get **42.9463, 0.2470, 0.3512**, and if you desaturate by 10%, it is **45.2416, 0.2635, 0.3430**.

Distribution



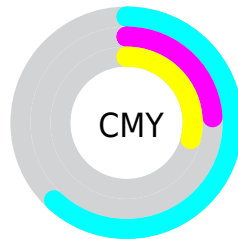
- Red (38%)
- Green (76%)
- Blue (71%)



- Red (38%)
- Yellow (58%)
- Blue (76%)



- Cyan (50%)
- Magenta (0%)
- Yellow (6%)
- Black (24%)





- Cyan (62%)
- Magenta (24%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.9629, 0.2544, 0.3470 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 43.9629, 0.2544, 0.3470 by changing the saturation by 10% instead.


 43.9629, 0.2544,
0.3470


 43.9629, 0.2544,
0.3470


362.5569, 0.2835,
0.3382


 30.6413, 0.2472,
0.3491


 81.1619, 0.2650,
0.3439


 20.3259, 0.2379,
0.3517


 105.8082, 0.2689,
0.3427

 12.6322, 0.2256,
0.3551


 134.9981, 0.2723,
0.3417

 7.1757, 0.2087,
0.3597

 169.1161, 0.2752,
0.3408

 3.5723, 0.1839,
0.3659

208.5466, 0.2777,
0.3400

 1.4373, 0.1356,
0.3786

253.6740, 0.2799,

 0.2440, 0.0000,

0.3394

0.3480

304.8826, 0.2818,
0.3388

0.0000, 0.0000,
0.0000

43.9629, 0.2544,
0.3470

43.9629, 0.2544,
0.3470

42.9463, 0.2470,
0.3512

45.2416, 0.2635,
0.3430

42.1674, 0.2414,
0.3555

46.7943, 0.2742,
0.3391

41.6062, 0.2378,
0.3598

48.6387, 0.2860,
0.3355

41.2367, 0.2360,
0.3641

50.7891, 0.2988,
0.3321

41.0126, 0.2356,
0.3682

53.2593, 0.3123,
0.3291

■ 56.0618, 0.3262,
0.3263

■ 59.2089, 0.3403,
0.3239

■ 62.7118, 0.3543,
0.3217

■ 63.6915, 0.3561,
0.3193

Harmonies

Analogous

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



43.9629, 0.2915, 0.3880



43.9629, 0.2544, 0.3470



43.9629, 0.2333, 0.3034

Triad

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



43.9629, 0.2544, 0.3470



43.9629, 0.2847, 0.2605



43.9629, 0.4000, 0.3793

Complementary

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



43.9629, 0.2544, 0.3470



20.7805, 0.4354, 0.3133

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.



43.9629, 0.3991, 0.3445



43.9629, 0.2544, 0.3470



43.9629, 0.3298, 0.2790

Square

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



43.9629, 0.2544, 0.3470



43.9629, 0.2498, 0.2573



43.9629, 0.3728, 0.3088



43.9629, 0.3762, 0.4044

Rectangle

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



43.9629, 0.2544, 0.3470



43.9629, 0.2301, 0.2804



43.9629, 0.3728, 0.3088



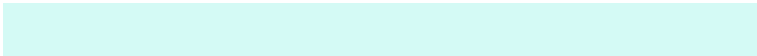
43.9629, 0.4027, 0.3683

Sweetspot

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



43.9646, 0.2544, 0.3470



88.9764, 0.2924, 0.3338



42.2327, 0.3141, 0.4828



18.9155, 0.2897, 0.3345



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.



43.9646, 0.2544, 0.3470



76.8049, 0.2466, 0.3515



30.5941, 0.2370, 0.2728



11.4063, 0.3000, 0.3319



27.2837, 0.2355, 0.3677



1.1850, 0.2328, 0.3581

Inverse Universe

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



20.7805, 0.4354, 0.3133



30.7326, 0.4786, 0.3113



28.5628, 0.4265, 0.3772



10.0977, 0.3270, 0.3262



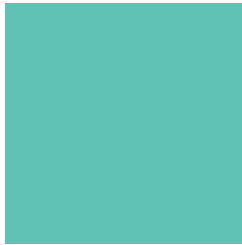
7.5909, 0.6228, 0.3205



0.3348, 0.5755, 0.2944

Previews

White Background



This preview shows how the Yxy color 43.9629, 0.2544, 0.3470 looks on a white background.

Color Contrast Check

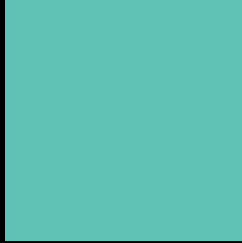
Large Text (above 18pt) WCAG AA × Fail

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 43.9629, 0.2544, 0.3470 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 43.9629, 0.2544, 0.3470

Background



This preview shows how black text looks on a background with the Yxy color 43.9629, 0.2544, 0.3470.

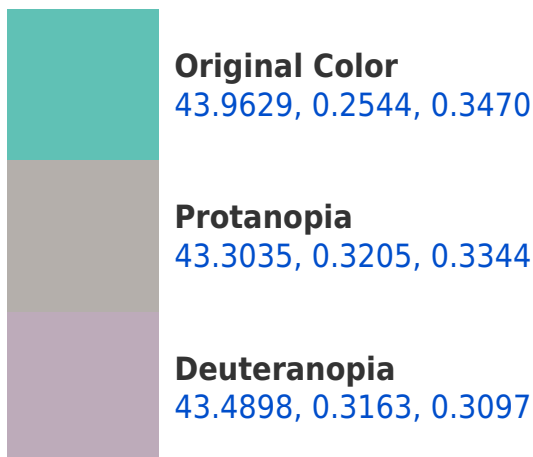


This preview shows how white text looks on a background with the Yxy color 43.9629, 0.2544, 0.3470.

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

43.7460, 0.2442, 0.3058

Trichromacy



Original Color

43.9629, 0.2544, 0.3470

Protanomaly

42.9406, 0.2909, 0.3389

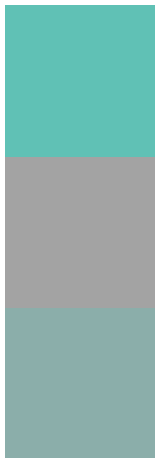
Deuteranomaly

42.6695, 0.2889, 0.3220

Tritanomaly

43.5791, 0.2478, 0.3200

Monochromacy



Original Color

43.9629, 0.2544, 0.3470

Achromatopsia

36.6253, 0.3127, 0.3290

Achromatomaly

38.6634, 0.2862, 0.3349

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.9629, 0.2544, 0.3470 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(96, 193, 181)` looks like.

```
.text, #text, p{  
    color:rgb(96, 193, 181)  
}
```

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(96, 193, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 193, 181) }
```

Border

The CSS property to change the border of an element to Yxy 43.9629, 0.2544, 0.3470 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(96, 193, 181) }
```

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

```
.border{ border-color:rgb(96, 193, 181) }
```

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

Here you see how a box with a 4 pixel rgb(96, 193, 181) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 193, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 193, 181);  
box-shadow:4px 4px 4px 4px rgb(96, 193,  
181) }
```


Background

The CSS property to change the background color of an element to Yxy 43.9629, 0.2544, 0.3470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 193, 181) }
```

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

```
.background{ background-color: rgb(96, 193,  
181) }
```

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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