

Converting Colors

$Yxy(43.7101, 0.2647, 0.3537)$

Have a look what the booklet for
Yxy(43.7101, 0.2647, 0.3537)
contains.

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Color

Yxy(43.6080, 0.2645, 0.3530)

Conversions

Conversions Part 1

Format	Color
Hex	6DBFAF
RGB	109, 191, 175
RGB Percent	43%, 75%, 69%
CMY	0.5725, 0.2510, 0.3137
CMYK	0.43, 0.00, 0.08, 0.25
HSL	168°, 39%, 59%
HSV	168°, 43%, 75%
XYZ	32.6751, 43.6080, 47.2523
YIQ	164.6580, -43.7360, -22.3600

Conversions

Conversions Part 2

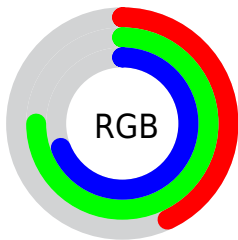
Format	Color
RYB	109, 154, 191
Decimal	7192495
CIELab	71.97, -28.90, 0.24
CIElCh	72, 28.899, 179.515
Yxy	43.6080, 0.2645, 0.3530
Android (android.graphics.Color)	4285382575 (0xFF6DBFAF)
YUV	164.6580, 5.0986, -48.8121
Hunter-Lab	66.0364, -27.2409, 3.8005

Details

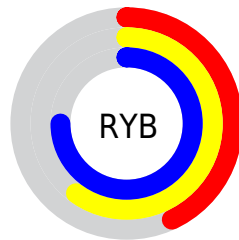
The Yxy color **43.6080, 0.2645, 0.3530** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **23.4950, 0.4009, 0.3072**, and the grayscale version is **37.4462, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.7405, 0.2734, 0.3495**, and **20.0783, 0.2501, 0.3589** is the 20% darker color. If you saturate the color by 10%, you get **42.3827, 0.2564, 0.3596**, and if you desaturate by 10%, it is **45.1040, 0.2741, 0.3467**.

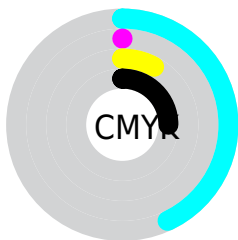
Distribution



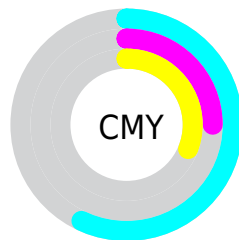
- Red (43%)
- Green (75%)
- Blue (69%)



- Red (43%)
- Yellow (60%)
- Blue (75%)



- Cyan (43%)
- Magenta (0%)
- Yellow (8%)
- Black (25%)





- Cyan (57%)
- Magenta (25%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.6080, 0.2645, 0.3530 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 43.6080, 0.2645, 0.3530 by changing the saturation by 10% instead.


 43.6080, 0.2645,
0.3530


 43.6080, 0.2645,
0.3530

361.1062, 0.2888,
0.3409

 30.3625, 0.2584,
0.3560


 80.6276, 0.2734,
0.3486


 20.1139, 0.2505,
0.3600


 105.1703, 0.2767,
0.3469

 12.4778, 0.2401,
0.3652

 134.2477, 0.2795,
0.3455

 7.0700, 0.2254,
0.3725

 168.2439, 0.2819,
0.3444

 3.5059, 0.2035,
0.3835

207.5435, 0.2839,
0.3433

 1.4012, 0.1601,
0.4053

252.5309, 0.2858,

 0.2176, 0.0000,

0.3424

0.4975

303.5903, 0.2874,
0.3416

0.0000, 0.0000,
0.0000

43.6080, 0.2645,
0.3530

43.6080, 0.2645,
0.3530

42.3827, 0.2564,
0.3596

45.1040, 0.2741,
0.3467

41.4056, 0.2500,
0.3665

46.8813, 0.2849,
0.3408

40.6592, 0.2454,
0.3735

48.9559, 0.2966,
0.3354

40.1213, 0.2428,
0.3806

51.3415, 0.3090,
0.3304

39.7654, 0.2421,
0.3876


54.0506, 0.3218,
0.3259

 39.5874, 0.2424,
0.3926

 57.0952, 0.3347,
0.3218

 60.4867, 0.3475,
0.3183

 62.9224, 0.3546,
0.3149

 63.1044, 0.3516,
0.3110

Harmonies

Analogous

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



43.6080, 0.3007, 0.3879



43.6080, 0.2645, 0.3530



43.6080, 0.2418, 0.3126

Triad

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



43.6080, 0.2645, 0.3530



43.6080, 0.2803, 0.2641



43.6080, 0.3943, 0.3703

Complementary

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



43.6080, 0.2645, 0.3530



23.4950, 0.4009, 0.3072

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.



43.6080, 0.3890, 0.3376



43.6080, 0.2645, 0.3530



43.6080, 0.3207, 0.2788

Square

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



43.6080, 0.2645, 0.3530



43.6080, 0.2506, 0.2641



43.6080, 0.3613, 0.3050



43.6080, 0.3764, 0.3953

Rectangle

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



43.6080, 0.2645, 0.3530



43.6080, 0.2366, 0.2898



43.6080, 0.3613, 0.3050



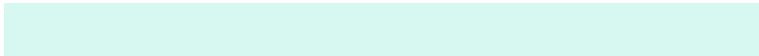
43.6080, 0.3953, 0.3598

Sweetspot

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



43.6097, 0.2645, 0.3530



87.5677, 0.2963, 0.3355



42.7577, 0.3188, 0.4558



19.0370, 0.2936, 0.3367



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.



43.6097, 0.2645, 0.3530



75.9258, 0.2565, 0.3596



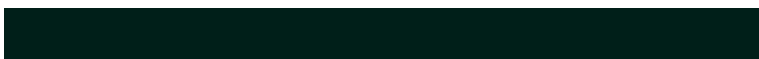
34.4322, 0.2488, 0.2912



10.7768, 0.3010, 0.3335



26.0266, 0.2421, 0.3916



1.0278, 0.2375, 0.3749

Inverse Universe

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



23.4950, 0.4009, 0.3072



34.9752, 0.4336, 0.3029



29.1213, 0.4079, 0.3631



9.5660, 0.3258, 0.3245



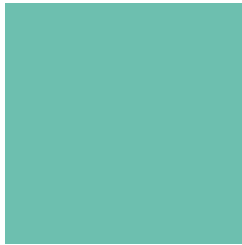
7.3774, 0.6062, 0.3113



0.2982, 0.5413, 0.2756

Previews

White Background



This preview shows how the Yxy color 43.6080, 0.2645, 0.3530 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 43.6080, 0.2645, 0.3530 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

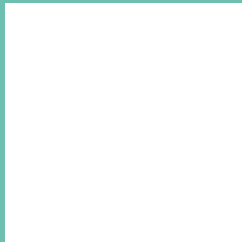
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.6080, 0.2645, 0.3530

Background



This preview shows how black text looks on a background with the Yxy color 43.6080, 0.2645, 0.3530.



This preview shows how white text looks on a background with the Yxy color 43.6080, 0.2645, 0.3530.

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

43.6080, 0.2645, 0.3530

Protanopia

43.2369, 0.3256, 0.3411

Deuteranopia

43.0805, 0.3242, 0.3174



Tritanopia

43.5179, 0.2517, 0.3074

Trichromacy



Original Color

43.6080, 0.2645, 0.3530

Protanomaly

42.8809, 0.3002, 0.3460

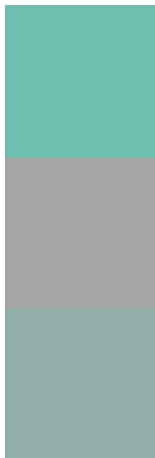
Deuteranomaly

42.6322, 0.2983, 0.3290

Tritanomaly

43.2829, 0.2560, 0.3230

Monochromacy



Original Color

43.6080, 0.2645, 0.3530

Achromatopsia

37.6262, 0.3127, 0.3290

Achromatomaly

39.1564, 0.2918, 0.3363

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.6080, 0.2645, 0.3530 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(109, 191, 175)` looks like.

```
.text, #text, p{  
    color:rgb(109, 191, 175)  
}
```

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(109, 191, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 191, 175) }
```

Border

The CSS property to change the border of an element to Yxy 43.6080, 0.2645, 0.3530 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(109, 191, 175) }
```

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

```
.border{ border-color:rgb(109, 191, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 191, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 191, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 191, 175);  
box-shadow:4px 4px 4px 4px rgb(109, 191,  
175) }
```


Background

The CSS property to change the background color of an element to Yxy 43.6080, 0.2645, 0.3530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 191, 175) }
```

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

```
.background{ background-color: rgb(109,  
191, 175) }
```

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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