

Converting Colors

$Yxy(43.3394, 0.2541, 0.3428)$

Have a look what the booklet for
Yxy(43.3394, 0.2541, 0.3428)
contains.

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Color

Yxy(43.1804, 0.2538, 0.3425)

Conversions

Conversions Part 1

Format	Color
Hex	61BFB6
RGB	97, 191, 182
RGB Percent	38%, 75%, 71%
CMY	0.6199, 0.2509, 0.2863
CMYK	0.49, 0.00, 0.05, 0.25
HSL	174°, 42%, 56%
HSV	174°, 49%, 75%
XYZ	31.9976, 43.1804, 50.8961
YIQ	161.8680, -53.1350, -22.7270

Conversions

Conversions Part 2

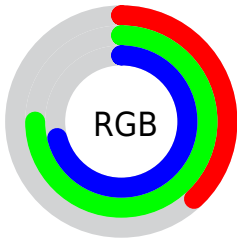
Format	Color
RYB	97, 146, 191
Decimal	6406070
CIELab	71.68, -30.09, -4.05
CIELCh	72, 30.363, 187.663
Yxy	43.1804, 0.2538, 0.3425
Android (android.graphics.Color)	4284596150 (0xFF61BFB6)
YUV	161.8680, 9.9251, -56.8892
Hunter-Lab	65.7118, -28.0771, 0.0760

Details

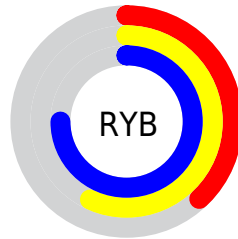
The Yxy color **43.1804, 0.2538, 0.3425** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **20.6558, 0.4354, 0.3171**, and the grayscale version is **36.0310, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.1779, 0.2646, 0.3403**, and **19.8336, 0.2373, 0.3460** is the 20% darker color. If you saturate the color by 10%, you get **42.1816, 0.2460, 0.3457**, and if you desaturate by 10%, it is **44.4361, 0.2633, 0.3394**.

Distribution



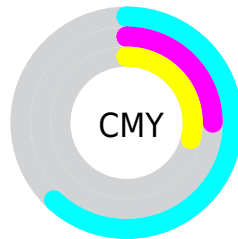
- Red (38%)
- Green (75%)
- Blue (71%)



- Red (38%)
- Yellow (57%)
- Blue (75%)



- Cyan (49%)
- Magenta (0%)
- Yellow (5%)
- Black (25%)





- Cyan (62%)
- Magenta (25%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.1804, 0.2538, 0.3425 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 43.1804, 0.2538, 0.3425 by changing the saturation by 10% instead.

 43.1804, 0.2538,
0.3425


 43.1804, 0.2538,
0.3425


359.3531, 0.2833,
0.3361

 30.0267, 0.2465,
0.3440


 79.9830, 0.2645,
0.3403


 19.8588, 0.2371,
0.3458


 104.4007, 0.2685,
0.3394

 12.2925, 0.2247,
0.3481


 133.3419, 0.2719,
0.3386

 6.9432, 0.2075,
0.3510

 167.1908, 0.2748,
0.3380

 3.4266, 0.1823,
0.3547

206.3321, 0.2774,
0.3374

 1.3583, 0.1321,
0.3631

251.1499, 0.2796,

 0.1857, 0.0000,

0.3369

0.2768

302.0288, 0.2815,
0.3365

0.0000, 0.0000,
0.0000

43.1804, 0.2538,
0.3425

43.1804, 0.2538,
0.3425

42.1816, 0.2460,
0.3457

44.4361, 0.2633,
0.3394

41.4163, 0.2400,
0.3490

45.9602, 0.2744,
0.3365

40.8650, 0.2360,
0.3522


47.7697, 0.2866,
0.3337

40.5033, 0.2338,
0.3555


49.8786, 0.2999,
0.3312


40.2868, 0.2331,
0.3587

52.3000, 0.3138,
0.3288

 40.2722, 0.2331,
0.3590

 55.0464, 0.3281,
0.3267

 58.1293, 0.3426,
0.3248

 61.5599, 0.3570,
0.3232

 62.6267, 0.3599,
0.3214

Harmonies

Analogous

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



43.1804, 0.2886, 0.3829



43.1804, 0.2538, 0.3425



43.1804, 0.2350, 0.3011

Triad

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



43.1804, 0.2538, 0.3425



43.1804, 0.2894, 0.2637



43.1804, 0.3958, 0.3805

Complementary

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



43.1804, 0.2538, 0.3425



20.6558, 0.4354, 0.3171

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.



43.1804, 0.3973, 0.3474



43.1804, 0.2538, 0.3425



43.1804, 0.3333, 0.2828

Square

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



43.1804, 0.2538, 0.3425



43.1804, 0.2543, 0.2592



43.1804, 0.3738, 0.3125



43.1804, 0.3711, 0.4033

Rectangle

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



43.1804, 0.2538, 0.3425



43.1804, 0.2330, 0.2797



43.1804, 0.3738, 0.3125



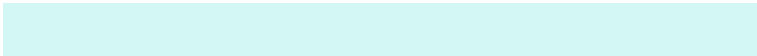
43.1804, 0.3992, 0.3702

Sweetspot

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



43.1821, 0.2538, 0.3425



86.9927, 0.2918, 0.3327



41.2146, 0.3119, 0.4802



18.9311, 0.2890, 0.3332



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.



43.1821, 0.2538, 0.3425



75.4295, 0.2455, 0.3459



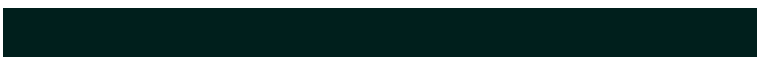
29.2081, 0.2375, 0.2690



10.7933, 0.2997, 0.3312



26.4689, 0.2329, 0.3585



1.0414, 0.2308, 0.3508

Inverse Universe

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



20.6558, 0.4354, 0.3171



30.4731, 0.4795, 0.3156



29.1476, 0.4209, 0.3804



9.5508, 0.3274, 0.3268



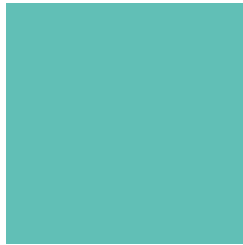
7.3142, 0.6275, 0.3230



0.2916, 0.5860, 0.3002

Previews

White Background



This preview shows how the Yxy color 43.1804, 0.2538, 0.3425 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 43.1804, 0.2538, 0.3425 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

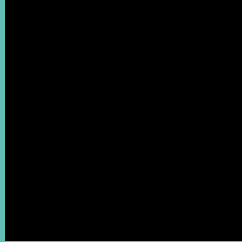
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

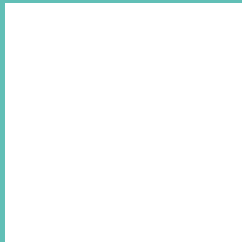
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.1804, 0.2538, 0.3425

Background



This preview shows how black text looks on a background with the Yxy color 43.1804, 0.2538, 0.3425.

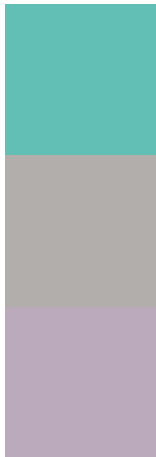


This preview shows how white text looks on a background with the Yxy color 43.1804, 0.2538, 0.3425.

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

43.1804, 0.2538, 0.3425

Protanopia

42.7156, 0.3179, 0.3317

Deuteranopia

42.7764, 0.3129, 0.3070



Tritanopia

43.2213, 0.2450, 0.3071

Trichromacy



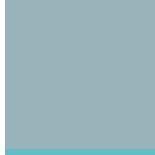
Original Color

43.1804, 0.2538, 0.3425



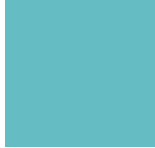
Protanomaly

42.1667, 0.2901, 0.3346



Deuteranomaly

42.2136, 0.2873, 0.3192



Tritanomaly

43.1020, 0.2481, 0.3200

Monochromacy



Original Color

43.1804, 0.2538, 0.3425



Achromatopsia

36.1307, 0.3127, 0.3290



Achromatomaly

38.1550, 0.2860, 0.3349

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.1804, 0.2538, 0.3425 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(97, 191, 182)` looks like.

```
.text, #text, p{  
    color:rgb(97, 191, 182)  
}
```

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(97, 191, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 191, 182) }
```

Border

The CSS property to change the border of an element to Yxy 43.1804, 0.2538, 0.3425 is called "border". The border property can be set on classes, ids or directly on the HTML element.

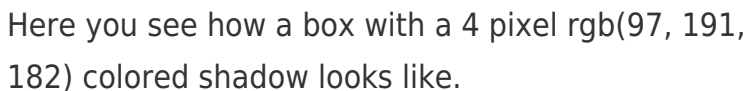
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(97, 191, 182) }
```

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

```
.border{ border-color:rgb(97, 191, 182) }
```

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



Here you see how a box with a 4 pixel `rgb(97, 191, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(97, 191, 182); -webkit-box-shadow:4px 4px 4px 4px rgb(97, 191, 182); box-shadow:4px 4px 4px 4px rgb(97, 191, 182) }
```


Background

The CSS property to change the background color of an element to Yxy 43.1804, 0.2538, 0.3425 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 191, 182) }
```

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

```
.background{ background-color: rgb(97, 191,  
182) }
```

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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