

Converting Colors

$Y_{xy}(43.3950, 0.2740, 0.3673)$

Have a look what the booklet for
Yxy(43.3950, 0.2740, 0.3673)
contains.

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Color

Yxy(43.1884, 0.2742, 0.3669)

Conversions

Conversions Part 1

Format	Color
Hex	73BEA5
RGB	115, 190, 165
RGB Percent	45%, 75%, 65%
CMY	0.5490, 0.2549, 0.3528
CMYK	0.39, 0.00, 0.13, 0.25
HSL	160°, 37%, 60%
HSV	160°, 39%, 75%
XYZ	32.2765, 43.1884, 42.2467
YIQ	164.7250, -36.6750, -23.6750

Conversions

Conversions Part 2

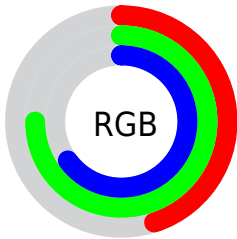
Format	Color
RYB	115, 160, 190
Decimal	7585445
CIELab	71.68, -29.11, 5.30
CIElCh	72, 29.587, 169.673
Yxy	43.1884, 0.2742, 0.3669
Android (android.graphics.Color)	4285775525 (0xFF73BEA5)
YUV	164.7250, 0.1356, -43.6088
Hunter-Lab	65.7179, -27.3382, 7.8880

Details

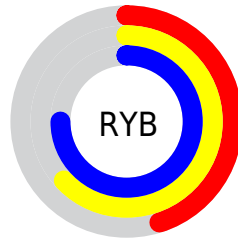
The Yxy color **43.1884, 0.2742, 0.3669** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **25.0998, 0.3770, 0.2948**, and the grayscale version is **37.5017, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.2349, 0.2816, 0.3600**, and **19.7927, 0.2625, 0.3790** is the 20% darker color. If you saturate the color by 10%, you get **41.8074, 0.2668, 0.3785**, and if you desaturate by 10%, it is **44.8497, 0.2829, 0.3561**.

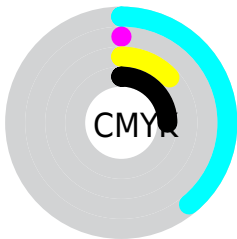
Distribution



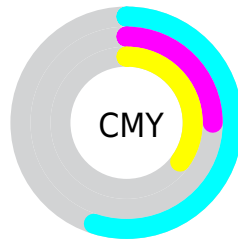
- Red (45%)
- Green (75%)
- Blue (65%)



- Red (45%)
- Yellow (63%)
- Blue (75%)



- Cyan (39%)
- Magenta (0%)
- Yellow (13%)
- Black (25%)





- Cyan (55%)
- Magenta (25%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.1884, 0.2742, 0.3669 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 43.1884, 0.2742, 0.3669 by changing the saturation by 10% instead.


 43.1884, 0.2742,
0.3669


 43.1884, 0.2742,
0.3669


359.3860, 0.2939,
0.3473


 30.0330, 0.2692,
0.3720


 79.9951, 0.2814,
0.3596

 19.8636, 0.2626,
0.3787


 104.4151, 0.2841,
0.3569

 12.2959, 0.2538,
0.3879


 133.3588, 0.2864,
0.3547

 6.9456, 0.2412,
0.4012

167.2106, 0.2883,
0.3528

 3.4281, 0.2219,
0.4221

206.3548, 0.2900,
0.3511

 1.3591, 0.1778,
0.4659

251.1758, 0.2915,

 0.1863, 0.0000,

0.3497

1.0000

302.0581, 0.2927,
0.3484

0.0000, 0.0000,
0.0000

43.1884, 0.2742,
0.3669

43.1884, 0.2742,
0.3669

41.8074, 0.2668,
0.3785

44.8497, 0.2829,
0.3561

40.6850, 0.2609,
0.3906

46.8013, 0.2924,
0.3460

39.8044, 0.2568,
0.4032


49.0590, 0.3027,
0.3369


39.1447, 0.2546,
0.4160


51.6359, 0.3133,
0.3286


38.6813, 0.2545,
0.4287

54.5444, 0.3240,
0.3212


 38.3688, 0.2560,
0.4412

 57.7961, 0.3348,
0.3146

 38.3538, 0.2561,
0.4418

 61.4023, 0.3454,
0.3088

 63.0270, 0.3460,
0.3028

 63.3597, 0.3409,
0.2965

Harmonies

Analogous

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



43.1884, 0.3141, 0.3975



43.1884, 0.2742, 0.3669



43.1884, 0.2457, 0.3253

Triad

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



43.1884, 0.2742, 0.3669



43.1884, 0.2679, 0.2607



43.1884, 0.3975, 0.3606

Complementary

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



43.1884, 0.2742, 0.3669



25.0998, 0.3770, 0.2948

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.



43.1884, 0.3840, 0.3264



43.1884, 0.2742, 0.3669



43.1884, 0.3067, 0.2711

Square

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



43.1884, 0.2742, 0.3669



43.1884, 0.2424, 0.2661



43.1884, 0.3498, 0.2946



43.1884, 0.3865, 0.3900

Rectangle

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



43.1884, 0.2742, 0.3669



43.1884, 0.2362, 0.2995



43.1884, 0.3498, 0.2946



43.1884, 0.3958, 0.3494

Sweetspot

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



43.1901, 0.2742, 0.3669



87.7320, 0.2998, 0.3393



43.6408, 0.3268, 0.4413



19.1437, 0.2985, 0.3405



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.



43.1901, 0.2742, 0.3669



76.1548, 0.2680, 0.3764



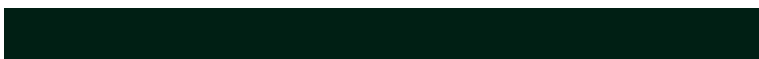
39.0047, 0.2560, 0.3102



10.7541, 0.3028, 0.3367



25.5174, 0.2556, 0.4402



1.0112, 0.2473, 0.4102

Inverse Universe

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



25.0998, 0.3770, 0.2948



38.9907, 0.3975, 0.2878



27.4920, 0.4033, 0.3466



9.5874, 0.3237, 0.3214



7.5329, 0.5613, 0.2866



0.3075, 0.4926, 0.2487

Previews

White Background



This preview shows how the Yxy color 43.1884, 0.2742, 0.3669 looks on a white background.

Color Contrast Check

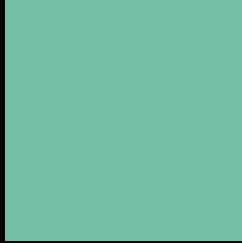
Large Text (above 18pt) WCAG AA × Fail

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 43.1884, 0.2742, 0.3669 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

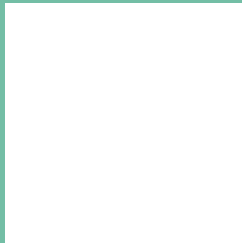
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.1884, 0.2742, 0.3669

Background



This preview shows how black text looks on a background with the Yxy color 43.1884, 0.2742, 0.3669.



This preview shows how white text looks on a background with the Yxy color 43.1884, 0.2742, 0.3669.

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

43.1884, 0.2742, 0.3669

Protanopia

42.6515, 0.3344, 0.3520

Deuteranopia

42.7098, 0.3359, 0.3291



Tritanopia

43.1531, 0.2572, 0.3076

Trichromacy



Original Color

43.1884, 0.2742, 0.3669

Protanomaly

42.4497, 0.3097, 0.3575

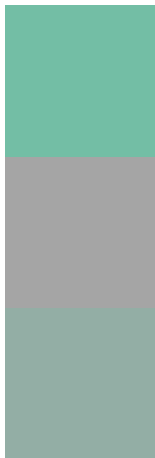
Deuteranomaly

42.2708, 0.3095, 0.3415

Tritanomaly

43.1935, 0.2636, 0.3289

Monochromacy



Original Color

43.1884, 0.2742, 0.3669

Achromatopsia

37.6262, 0.3127, 0.3290

Achromatomaly

39.1918, 0.2965, 0.3422

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.1884, 0.2742, 0.3669 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(115, 190, 165)` looks like.

```
.text, #text, p{  
    color:rgb(115, 190, 165)  
}
```

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(115, 190, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 190, 165) }
```

Border

The CSS property to change the border of an element to Yxy 43.1884, 0.2742, 0.3669 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(115, 190, 165) }
```

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

```
.border{ border-color:rgb(115, 190, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 190, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(115, 190, 165); -webkit-box-shadow:4px 4px 4px 4px rgb(115, 190, 165); box-shadow:4px 4px 4px 4px rgb(115, 190, 165) }
```


Background

The CSS property to change the background color of an element to Yxy 43.1884, 0.2742, 0.3669 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 190, 165) }
```

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

```
.background{ background-color: rgb(115,  
190, 165) }
```

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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