

Converting Colors

$Yxy(38.1008, 0.2716, 0.3907)$

Have a look what the booklet for
Yxy(38.1008, 0.2716, 0.3907)
contains.

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Color

Yxy(38.2385, 0.2722, 0.3919)

Conversions

Conversions Part 1

Format	Color
Hex	5DB791
RGB	93, 183, 145
RGB Percent	36%, 72%, 57%
CMY	0.6353, 0.2823, 0.4313
CMYK	0.49, 0.00, 0.21, 0.28
HSL	155°, 38%, 54%
HSV	155°, 49%, 72%
XYZ	26.5591, 38.2385, 32.7745
YIQ	151.7580, -41.4420, -30.8980

Conversions

Conversions Part 2

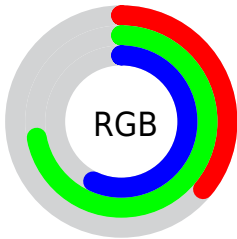
Format	Color
RYB	93, 150, 183
Decimal	6141841
CIELab	68.20, -36.03, 11.13
CIELCh	68, 37.709, 162.834
Yxy	38.2385, 0.2722, 0.3919
Android (android.graphics.Color)	4284331921 (0xFF5DB791)
YUV	151.7580, -3.3317, -51.5308
Hunter-Lab	61.8373, -31.5495, 11.8617

Details

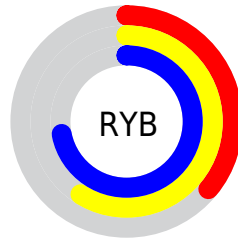
The Yxy color **38.2385, 0.2722, 0.3919** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **19.5345, 0.3886, 0.2757**, and the grayscale version is **31.3186, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.1524, 0.2800, 0.3784**, and **16.8668, 0.2581, 0.4117** is the 20% darker color. If you saturate the color by 10%, you get **37.1664, 0.2670, 0.4076**, and if you desaturate by 10%, it is **39.5584, 0.2788, 0.3770**.

Distribution



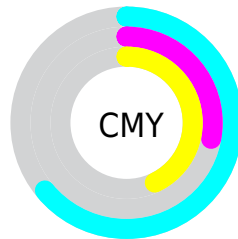
- Red (36%)
- Green (72%)
- Blue (57%)



- Red (36%)
- Yellow (59%)
- Blue (72%)



- Cyan (49%)
- Magenta (0%)
- Yellow (21%)
- Black (28%)




- Cyan (64%)
- Magenta (28%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.2385, 0.2722, 0.3919 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 38.2385, 0.2722, 0.3919 by changing the saturation by 10% instead.

 38.2385, 0.2722,
0.3919


 38.2385, 0.2722,
0.3919


338.6420, 0.2937,
0.3581


 26.1678, 0.2664,
0.4012


 72.4735, 0.2803,
0.3790


 16.9493, 0.2587,
0.4136


 95.4067, 0.2833,
0.3744

 10.1983, 0.2479,
0.4312


 122.7296, 0.2857,
0.3705

 5.5306, 0.2319,
0.4577

 154.8264, 0.2878,
0.3673

 2.5618, 0.2059,
0.5022

192.0817, 0.2896,
0.3645

 0.9075, 0.0000,
0.8122

234.8798, 0.2912,

 0.0000, 0.0000,

0.3621

0.0000

283.6051, 0.2925,
0.3600

■ 38.2385, 0.2722,
0.3919

■ 38.2385, 0.2722,
0.3919

■ 37.1664, 0.2670,
0.4076

■ 39.5584, 0.2788,
0.3770

■ 36.3205, 0.2636,
0.4238

■ 41.1367, 0.2865,
0.3631

■ 35.6833, 0.2621,
0.4402


■ 42.9888, 0.2951,
0.3503


■ 35.2324, 0.2625,
0.4565


■ 45.1278, 0.3041,
0.3386

■ 34.9267, 0.2647,
0.4723

■ 47.5658, 0.3135,
0.3282

 34.9038, 0.2649,
0.4736

 50.3141, 0.3229,
0.3189

 53.3835, 0.3323,
0.3106

 56.7843, 0.3414,
0.3034

 60.0104, 0.3480,
0.2967

Harmonies

Analogous

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



38.2385, 0.3260, 0.4273



38.2385, 0.2722, 0.3919



38.2385, 0.2316, 0.3358

Triad

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



38.2385, 0.2722, 0.3919



38.2385, 0.2446, 0.2403



38.2385, 0.4242, 0.3581

Complementary

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



38.2385, 0.2722, 0.3919



19.5345, 0.3886, 0.2757

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.



38.2385, 0.3992, 0.3144



38.2385, 0.2722, 0.3919



38.2385, 0.2914, 0.2498

Square

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



38.2385, 0.2722, 0.3919



38.2385, 0.2173, 0.2511



38.2385, 0.3486, 0.2761



38.2385, 0.4157, 0.3995

Rectangle

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



38.2385, 0.2722, 0.3919



38.2385, 0.2164, 0.2995



38.2385, 0.3486, 0.2761



38.2385, 0.4195, 0.3434

Sweetspot

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



38.2400, 0.2722, 0.3919



78.4342, 0.2986, 0.3456



39.5640, 0.3365, 0.4683



17.1511, 0.2967, 0.3481



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



38.2400, 0.2722, 0.3919



66.4276, 0.2667, 0.4089



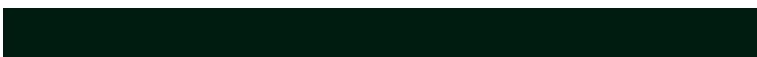
37.1914, 0.2472, 0.3194



10.1448, 0.3040, 0.3388



24.3626, 0.2644, 0.4717



0.8709, 0.2530, 0.4307

Inverse Universe

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



19.5345, 0.3886, 0.2757



29.0326, 0.4151, 0.2660



19.7815, 0.4435, 0.3378



9.0734, 0.3224, 0.3194



7.4124, 0.5256, 0.2669



0.2737, 0.4600, 0.2308

Previews

White Background



This preview shows how the Yxy color 38.2385, 0.2722, 0.3919 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 38.2385, 0.2722, 0.3919 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

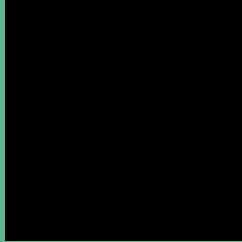
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.2385, 0.2722, 0.3919

Background



This preview shows how black text looks on a background with the Yxy color 38.2385, 0.2722, 0.3919.

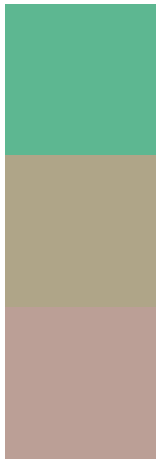


This preview shows how white text looks on a background with the Yxy color 38.2385, 0.2722, 0.3919.

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

38.2385, 0.2722, 0.3919

Protanopia

37.8018, 0.3485, 0.3703

Deuteranopia

37.5631, 0.3489, 0.3414



Tritanopia

38.2700, 0.2498, 0.3077

Trichromacy



Original Color

38.2385, 0.2722, 0.3919

Protanomaly

37.3889, 0.3157, 0.3796

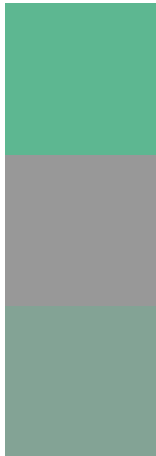
Deuteranomaly

36.9157, 0.3159, 0.3590

Tritanomaly

38.0629, 0.2577, 0.3367

Monochromacy



Original Color

38.2385, 0.2722, 0.3919

Achromatopsia

31.3989, 0.3127, 0.3290

Achromatomaly

33.1896, 0.2952, 0.3514

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.2385, 0.2722, 0.3919 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(93, 183, 145)` looks like.

```
.text, #text, p{  
    color:rgb(93, 183, 145)  
}
```

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(93, 183, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 183, 145) }
```

Border

The CSS property to change the border of an element to Yxy 38.2385, 0.2722, 0.3919 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(93, 183, 145) }
```

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

```
.border{ border-color:rgb(93, 183, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 183, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 183, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 183, 145);  
box-shadow:4px 4px 4px 4px rgb(93, 183,  
145) }
```


Background

The CSS property to change the background color of an element to Yxy 38.2385, 0.2722, 0.3919 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 183, 145) }
```

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

```
.background{ background-color: rgb(93, 183,  
145) }
```

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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