

Converting Colors

$Yxy(38.6637, 0.2773, 0.3753)$

Have a look what the booklet for
Yxy(38.6637, 0.2773, 0.3753)
contains.

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Color

Yxy(38.5660, 0.2775, 0.3755)

Conversions

Conversions Part 1

Format	Color
Hex	6DB598
RGB	109, 181, 152
RGB Percent	43%, 71%, 60%
CMY	0.5724, 0.2902, 0.4040
CMYK	0.40, 0.00, 0.16, 0.29
HSL	156°, 33%, 57%
HSV	156°, 40%, 71%
XYZ	28.5008, 38.5660, 35.6389
YIQ	156.1660, -33.6030, -24.2830

Conversions

Conversions Part 2

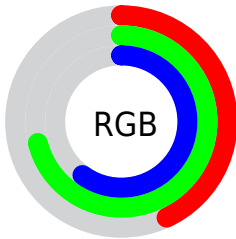
Format	Color
RYB	109, 154, 181
Decimal	7189912
CIELab	68.44, -29.28, 7.75
CIElCh	68, 30.290, 165.182
Yxy	38.5660, 0.2775, 0.3755
Android (android.graphics.Color)	4285379992 (0xFF6DB598)
YUV	156.1660, -2.0538, -41.3646
Hunter-Lab	62.1015, -26.7570, 9.4457

Details

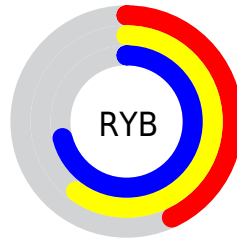
The Yxy color **38.5660, 0.2775, 0.3755** is a dark color, and the websafe version is hex **99CC99**. A complement of this color would be **22.6077, 0.3704, 0.2875**, and the grayscale version is **33.3489, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.8111, 0.2843, 0.3662**, and **17.2187, 0.2663, 0.3919** is the 20% darker color. If you saturate the color by 10%, you get **37.3030, 0.2708, 0.3897**, and if you desaturate by 10%, it is **40.0833, 0.2854, 0.3622**.

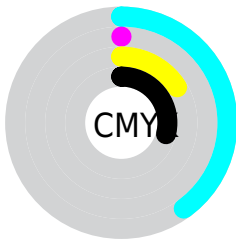
Distribution



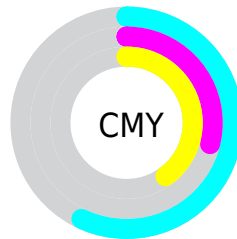
- Red (43%)
- Green (71%)
- Blue (60%)



- Red (43%)
- Yellow (60%)
- Blue (71%)



- Cyan (40%)
- Magenta (0%)
- Yellow (16%)
- Black (29%)





- Cyan (57%)
- Magenta (29%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 38.5660, 0.2775, 0.3755 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 38.5660, 0.2775, 0.3755 by changing the saturation by 10% instead.


 38.5660, 0.2775,
0.3755


 38.5660, 0.2775,
0.3755


340.0418, 0.2960,
0.3508


 26.4223, 0.2726,
0.3822


 72.9748, 0.2844,
0.3662

 17.1398, 0.2661,
0.3911


 96.0087, 0.2870,
0.3628

 10.3342, 0.2571,
0.4035


 123.4415, 0.2891,
0.3599

 5.6211, 0.2439,
0.4222

 155.6575, 0.2909,
0.3576

 2.6161, 0.2227,
0.4530

193.0411, 0.2924,
0.3555

 0.9348, 0.1092,
0.5906

235.9768, 0.2938,

 0.0000, 0.0000,

0.3537

0.0000

284.8489, 0.2949,
0.3522

■ 38.5660, 0.2775,
0.3755

■ 38.5660, 0.2775,
0.3755

■ 37.3030, 0.2708,
0.3897

■ 40.0833, 0.2854,
0.3622

■ 36.2746, 0.2655,
0.4047

■ 41.8637, 0.2941,
0.3500

■ 35.4660, 0.2620,
0.4201


■ 43.9214, 0.3034,
0.3388

■ 34.8585, 0.2605,
0.4358

■ 46.2683, 0.3130,
0.3288


■ 34.4299, 0.2609,
0.4513


■ 48.9154, 0.3226,
0.3198


 34.1365, 0.2629,
0.4664

 51.8733, 0.3323,
0.3119

 34.1298, 0.2630,
0.4667

 55.1518, 0.3417,
0.3049

 58.7606, 0.3509,
0.2987

 59.3520, 0.3457,
0.2915

Harmonies

Analogous

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



38.5660, 0.3208, 0.4051



38.5660, 0.2775, 0.3755



38.5660, 0.2451, 0.3316

Triad

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



38.5660, 0.2775, 0.3755



38.5660, 0.2600, 0.2565



38.5660, 0.4025, 0.3569

Complementary

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



38.5660, 0.2775, 0.3755



22.6077, 0.3704, 0.2875

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.



38.5660, 0.3843, 0.3206



38.5660, 0.2775, 0.3755



38.5660, 0.2994, 0.2652

Square

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



38.5660, 0.2775, 0.3755



38.5660, 0.2359, 0.2647



38.5660, 0.3454, 0.2881



38.5660, 0.3943, 0.3895

Rectangle

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



38.5660, 0.2775, 0.3755



38.5660, 0.2332, 0.3032



38.5660, 0.3454, 0.2881



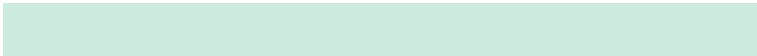
38.5660, 0.3993, 0.3448

Sweetspot

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



38.5676, 0.2775, 0.3755



77.7149, 0.3011, 0.3414



39.6434, 0.3321, 0.4398



16.6929, 0.2999, 0.3428



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



38.5676, 0.2775, 0.3755



67.0071, 0.2714, 0.3883



37.2511, 0.2572, 0.3196



9.5724, 0.3038, 0.3383



23.5429, 0.2625, 0.4649



0.7519, 0.2507, 0.4225

Inverse Universe

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



22.6077, 0.3704, 0.2875



34.3163, 0.3902, 0.2784



23.1999, 0.4073, 0.3380



8.5602, 0.3226, 0.3199



7.1169, 0.5329, 0.2710



0.2356, 0.4599, 0.2307

Previews

White Background



This preview shows how the Yxy color 38.5660, 0.2775, 0.3755 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 38.5660, 0.2775, 0.3755 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 38.5660, 0.2775, 0.3755

Background



This preview shows how black text looks on a background with the Yxy color 38.5660, 0.2775, 0.3755.

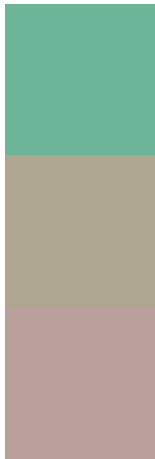


This preview shows how white text looks on a background with the Yxy color 38.5660, 0.2775, 0.3755.

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

38.5660, 0.2775, 0.3755

Protanopia

38.2847, 0.3399, 0.3602

Deuteranopia

37.9810, 0.3419, 0.3345



Tritanopia

38.6199, 0.2575, 0.3080

Trichromacy



Original Color

38.5660, 0.2775, 0.3755

Protanomaly

37.7164, 0.3137, 0.3651

Deuteranomaly

37.6409, 0.3146, 0.3481

Tritanomaly

38.6202, 0.2649, 0.3319

Monochromacy



Original Color

38.5660, 0.2775, 0.3755

Achromatopsia

33.2452, 0.3127, 0.3290

Achromatomaly

34.7658, 0.2974, 0.3445

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.5660, 0.2775, 0.3755 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, 181, 152)` looks like.

```
.text, #text, p{  
    color:rgb(109, 181, 152)  
}
```

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, 181, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 181, 152) }
```

Border

The CSS property to change the border of an element to Yxy 38.5660, 0.2775, 0.3755 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, 181, 152) }
```

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

```
.border{ border-color:rgb(109, 181, 152) }
```

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

Here you see how a box with a 4 pixel rgb(109, 181, 152) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 181, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 181, 152);  
box-shadow:4px 4px 4px 4px rgb(109, 181,  
152) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 38.5660, 0.2775, 0.3755$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 181, 152) }
```

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

```
.background{ background-color: rgb(109,  
181, 152) }
```

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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