

Converting Colors

$Yxy(38.4572, 0.2670, 0.3358)$

Have a look what the booklet for
Yxy(38.4572, 0.2670, 0.3358)
contains.

Yxy(38.5028, 0.2669, 0.3366)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(38.5028, 0.2669, 0.3366)

Conversions

Conversions Part 1

Format	Color
Hex	73B2AD
RGB	115, 178, 173
RGB Percent	45%, 70%, 68%
CMY	0.5491, 0.3019, 0.3216
CMYK	0.35, 0.00, 0.03, 0.30
HSL	175°, 29%, 57%
HSV	175°, 35%, 70%
XYZ	30.5300, 38.5028, 45.3546
YIQ	158.5930, -35.9430, -14.9110

Conversions

Conversions Part 2

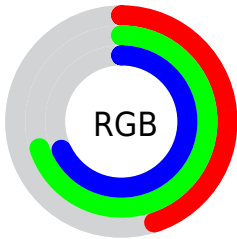
Format	Color
RYB	115, 148, 178
Decimal	7582381
CIELab	68.39, -21.32, -3.87
CIELCh	68, 21.670, 190.277
Yxy	38.5028, 0.2669, 0.3366
Android (android.graphics.Color)	4285772461 (0xFF73B2AD)
YUV	158.5930, 7.1027, -38.2311
Hunter-Lab	62.0506, -20.7635, 0.0987

Details

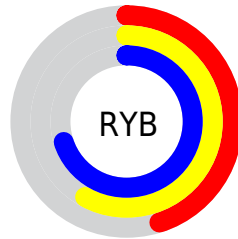
The Yxy color **38.5028, 0.2669, 0.3366** is a light color, and the websafe version is hex **669999**. A complement of this color would be **23.0769, 0.3888, 0.3218**, and the grayscale version is **34.4527, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.8821, 0.2755, 0.3359**, and **17.0718, 0.2526, 0.3377** is the 20% darker color. If you saturate the color by 10%, you get **37.3577, 0.2567, 0.3391**, and if you desaturate by 10%, it is **39.8846, 0.2786, 0.3343**.

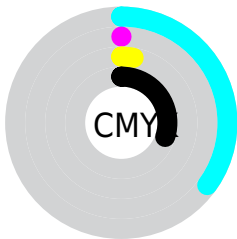
Distribution



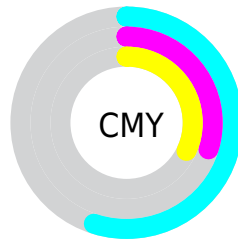
- Red (45%)
- Green (70%)
- Blue (68%)



- Red (45%)
- Yellow (58%)
- Blue (70%)



- Cyan (35%)
- Magenta (0%)
- Yellow (3%)
- Black (30%)





- Cyan (55%)
- Magenta (30%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.5028, 0.2669, 0.3366 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 38.5028, 0.2669, 0.3366 by changing the saturation by 10% instead.


 38.5028, 0.2669,
0.3366


 38.5028, 0.2669,
0.3366


339.7720, 0.2903,
0.3330

 26.3732, 0.2609,
0.3374


 72.8781, 0.2755,
0.3353

 17.1030, 0.2531,
0.3385


 95.8926, 0.2787,
0.3348

 10.3080, 0.2426,
0.3398


 123.3042, 0.2814,
0.3344

 5.6036, 0.2276,
0.3414

155.4972, 0.2837,
0.3340

 2.6056, 0.2048,
0.3433

192.8561, 0.2857,
0.3337

 0.9295, 0.1388,
0.3562

235.7653, 0.2874,

 0.0000, 0.0000,

0.3334

0.0000

284.6091, 0.2890,
0.3332

■ 38.5028, 0.2669,
0.3366

■ 38.5028, 0.2669,
0.3366

■ 37.3577, 0.2567,
0.3391

■ 39.8846, 0.2786,
0.3343

■ 36.4311, 0.2480,
0.3417

■ 41.5108, 0.2914,
0.3321

■ 35.7098, 0.2412,
0.3443


■ 43.3945, 0.3050,
0.3300

■ 35.1771, 0.2363,
0.3470


■ 45.5465, 0.3193,
0.3282


■ 34.8137, 0.2332,
0.3496

■ 47.9769, 0.3339,
0.3265


 34.5956, 0.2319,
0.3523

 50.6953, 0.3486,
0.3250

 34.5194, 0.2315,
0.3535

 53.7111, 0.3632,
0.3237

 56.5787, 0.3754,
0.3226

 56.6385, 0.3741,
0.3211

Harmonies

Analogous

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



38.5028, 0.2926, 0.3660



38.5028, 0.2669, 0.3366



38.5028, 0.2535, 0.3066

Triad

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



38.5028, 0.2669, 0.3366



38.5028, 0.2983, 0.2802



38.5028, 0.3735, 0.3702

Complementary

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



38.5028, 0.2669, 0.3366



23.0769, 0.3888, 0.3218

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.



38.5028, 0.3758, 0.3461



38.5028, 0.2669, 0.3366



38.5028, 0.3311, 0.2958

Square

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



38.5028, 0.2669, 0.3366



38.5028, 0.2709, 0.2761



38.5028, 0.3600, 0.3193



38.5028, 0.3544, 0.3850

Rectangle

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



38.5028, 0.2669, 0.3366



38.5028, 0.2527, 0.2909



38.5028, 0.3600, 0.3193



38.5028, 0.3764, 0.3629

Sweetspot

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



38.5043, 0.2669, 0.3366



76.6527, 0.2971, 0.3312



37.0908, 0.3121, 0.4321



16.8833, 0.2952, 0.3314



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.



38.5043, 0.2669, 0.3366



68.2562, 0.2593, 0.3384



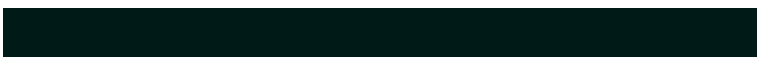
29.2310, 0.2580, 0.2869



9.6197, 0.2996, 0.3308



24.7005, 0.2315, 0.3532



0.7806, 0.2294, 0.3458

Inverse Universe

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



23.0769, 0.3888, 0.3218



36.3409, 0.4127, 0.3204



29.8231, 0.3821, 0.3674



8.5159, 0.3275, 0.3272



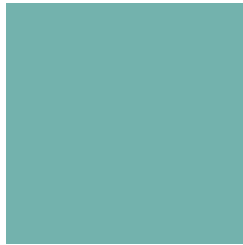
6.7993, 0.6296, 0.3242



0.2175, 0.5896, 0.3022

Previews

White Background



This preview shows how the Yxy color 38.5028, 0.2669, 0.3366 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 38.5028, 0.2669, 0.3366 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

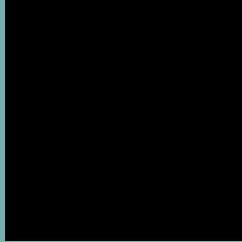
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.5028, 0.2669, 0.3366

Background



This preview shows how black text looks on a background with the Yxy color 38.5028, 0.2669, 0.3366.

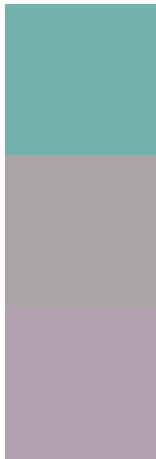


This preview shows how white text looks on a background with the Yxy color 38.5028, 0.2669, 0.3366.

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

38.5028, 0.2669, 0.3366

Protanopia

38.0985, 0.3156, 0.3276

Deuteranopia

38.0112, 0.3137, 0.3073



Tritanopia

38.2996, 0.2580, 0.3065

Trichromacy



Original Color

38.5028, 0.2669, 0.3366

Protanomaly

38.0036, 0.2950, 0.3304

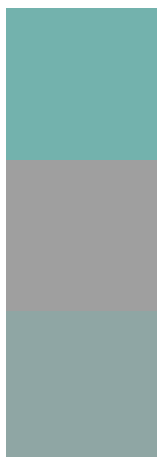
Deuteranomaly

37.6420, 0.2937, 0.3160

Tritanomaly

38.3629, 0.2614, 0.3168

Monochromacy



Original Color

38.5028, 0.2669, 0.3366

Achromatopsia

34.6704, 0.3127, 0.3290

Achromatomaly

35.7924, 0.2937, 0.3320

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.5028, 0.2669, 0.3366 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, 178, 173)` looks like.

```
.text, #text, p{  
    color:rgb(115, 178, 173)  
}
```

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, 178, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 178, 173) }
```

Border

The CSS property to change the border of an element to Yxy 38.5028, 0.2669, 0.3366 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, 178, 173) }
```

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

```
.border{ border-color:rgb(115, 178, 173) }
```

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

Here you see how a box with a 4 pixel rgb(115, 178, 173) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 178, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 178, 173);  
box-shadow:4px 4px 4px 4px rgb(115, 178,  
173) }
```


Background

The CSS property to change the background color of an element to Yxy 38.5028, 0.2669, 0.3366 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 178, 173) }
```

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

```
.background{ background-color: rgb(115,  
178, 173) }
```

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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