

Converting Colors

$Yxy(38.5971, 0.2628, 0.3397)$

Have a look what the booklet for
Yxy(38.5971, 0.2628, 0.3397)
contains.

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Color

Yxy(38.4455, 0.2626, 0.3382)

Conversions

Conversions Part 1

Format	Color
Hex	6CB3AD
RGB	108, 179, 173
RGB Percent	42%, 70%, 68%
CMY	0.5763, 0.2981, 0.3216
CMYK	0.40, 0.00, 0.03, 0.30
HSL	175°, 32%, 56%
HSV	175°, 40%, 70%
XYZ	29.8515, 38.4455, 45.3798
YIQ	157.0870, -40.3900, -16.9180

Conversions

Conversions Part 2

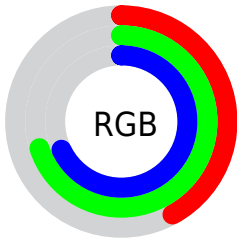
Format	Color
RYB	108, 145, 179
Decimal	7123885
CIELab	68.35, -23.70, -3.97
CIElCh	68, 24.027, 189.501
Yxy	38.4455, 0.2626, 0.3382
Android (android.graphics.Color)	4285313965 (0xFF6CB3AD)
YUV	157.0870, 7.8451, -43.0493
Hunter-Lab	62.0044, -22.5704, 0.0100

Details

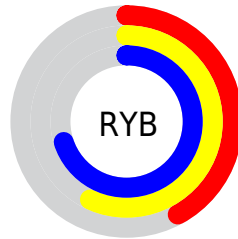
The Yxy color **38.4455, 0.2626, 0.3382** is a light color, and the websafe version is hex **669999**. A complement of this color would be **21.5360, 0.4017, 0.3205**, and the grayscale version is **33.7416, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.8046, 0.2723, 0.3371**, and **17.0865, 0.2474, 0.3400** is the 20% darker color. If you saturate the color by 10%, you get **37.3786, 0.2531, 0.3409**, and if you desaturate by 10%, it is **39.7465, 0.2737, 0.3356**.

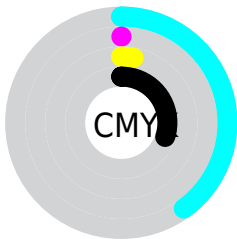
Distribution



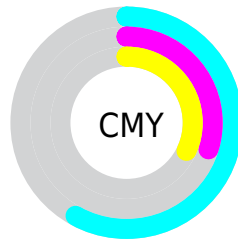
- Red (42%)
- Green (70%)
- Blue (68%)



- Red (42%)
- Yellow (57%)
- Blue (70%)



- Cyan (40%)
- Magenta (0%)
- Yellow (3%)
- Black (30%)




- Cyan (58%)
- Magenta (30%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.4455, 0.2626, 0.3382 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 38.4455, 0.2626, 0.3382 by changing the saturation by 10% instead.


 38.4455, 0.2626,
0.3382


 38.4455, 0.2626,
0.3382


339.5272, 0.2882,
0.3338


 26.3286, 0.2561,
0.3392


 72.7905, 0.2720,
0.3366


 17.0697, 0.2476,
0.3405


 95.7873, 0.2755,
0.3361

 10.2842, 0.2361,
0.3421


 123.1797, 0.2785,
0.3355

 5.5878, 0.2199,
0.3441

 155.3519, 0.2810,
0.3351

 2.5961, 0.1952,
0.3465

192.6884, 0.2831,
0.3347

 0.9247, 0.1178,
0.3634

235.5735, 0.2850,

 0.0000, 0.0000,

0.3344

0.0000

284.3916, 0.2867,
0.3341

■ 38.4455, 0.2626,
0.3382

■ 38.4455, 0.2626,
0.3382

■ 37.3786, 0.2531,
0.3409

■ 39.7465, 0.2737,
0.3356

■ 36.5271, 0.2452,
0.3437

■ 41.2901, 0.2860,
0.3332

■ 35.8768, 0.2392,
0.3465


■ 43.0899, 0.2992,
0.3310


■ 35.4096, 0.2351,
0.3494


■ 45.1569, 0.3132,
0.3289

■ 35.1047, 0.2329,
0.3522

■ 47.5019, 0.3277,
0.3271


 34.9199, 0.2320,
0.3550

 50.1348, 0.3423,
0.3254

 34.9137, 0.2320,
0.3551

 53.0650, 0.3568,
0.3240

 56.3017, 0.3712,
0.3227

 57.0701, 0.3731,
0.3212

Harmonies

Analogous

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



38.4455, 0.2911, 0.3710



38.4455, 0.2626, 0.3382



38.4455, 0.2475, 0.3047

Triad

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



38.4455, 0.2626, 0.3382



38.4455, 0.2958, 0.2750



38.4455, 0.3805, 0.3738

Complementary

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



38.4455, 0.2626, 0.3382



21.5360, 0.4017, 0.3205

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.



38.4455, 0.3826, 0.3468



38.4455, 0.2626, 0.3382



38.4455, 0.3321, 0.2918

Square

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



38.4455, 0.2626, 0.3382



38.4455, 0.2658, 0.2707



38.4455, 0.3646, 0.3174



38.4455, 0.3595, 0.3909

Rectangle

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



38.4455, 0.2626, 0.3382



38.4455, 0.2465, 0.2873



38.4455, 0.3646, 0.3174



38.4455, 0.3835, 0.3655

Sweetspot

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



38.4470, 0.2626, 0.3382



76.3036, 0.2958, 0.3315



36.9773, 0.3128, 0.4462



16.8112, 0.2940, 0.3318



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.



38.4470, 0.2626, 0.3382



67.0900, 0.2538, 0.3407



28.4569, 0.2518, 0.2829



9.6189, 0.2997, 0.3309



24.6777, 0.2319, 0.3548



0.7801, 0.2297, 0.3469

Inverse Universe

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



21.5360, 0.4017, 0.3205



32.3719, 0.4344, 0.3187



28.3971, 0.3935, 0.3705



8.5165, 0.3274, 0.3271



6.8012, 0.6288, 0.3238



0.2178, 0.5868, 0.3006

Previews

White Background



This preview shows how the Yxy color 38.4455, 0.2626, 0.3382 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 38.4455, 0.2626, 0.3382 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 38.4455, 0.2626, 0.3382

Background



This preview shows how black text looks on a background with the Yxy color 38.4455, 0.2626, 0.3382.



This preview shows how white text looks on a background with the Yxy color 38.4455, 0.2626, 0.3382.

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

38.4455, 0.2626, 0.3382

Protanopia

38.0619, 0.3165, 0.3290

Deuteranopia

38.0112, 0.3137, 0.3073



Tritanopia

38.3230, 0.2538, 0.3064

Trichromacy



Original Color

38.4455, 0.2626, 0.3382

Protanomaly

37.7796, 0.2941, 0.3319

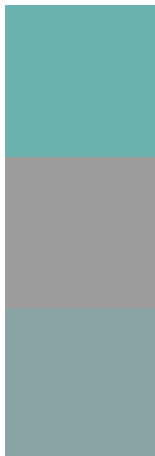
Deuteranomaly

37.8153, 0.2920, 0.3174

Tritanomaly

38.2845, 0.2571, 0.3182

Monochromacy



Original Color

38.4455, 0.2626, 0.3382

Achromatopsia

33.7164, 0.3127, 0.3290

Achromatomaly

35.0436, 0.2910, 0.3320

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.4455, 0.2626, 0.3382 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(108, 179, 173)` looks like.

```
.text, #text, p{  
    color:rgb(108, 179, 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(108, 179, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 179, 173) }
```

Border

The CSS property to change the border of an element to Yxy 38.4455, 0.2626, 0.3382 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(108, 179, 173) }
```

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

```
.border{ border-color:rgb(108, 179, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 179, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 179, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 179, 173);  
box-shadow:4px 4px 4px 4px rgb(108, 179,  
173) }
```


Background

The CSS property to change the background color of an element to Yxy 38.4455, 0.2626, 0.3382 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 179, 173) }
```

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

```
.background{ background-color: rgb(108,  
179, 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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