

Converting Colors

$Yxy(37.9799, 0.2701, 0.3406)$

Have a look what the booklet for
Yxy(37.9799, 0.2701, 0.3406)
contains.

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Color

Yxy(38.0219, 0.2701, 0.3413)

Conversions

Conversions Part 1

Format	Color
Hex	74B1A9
RGB	116, 177, 169
RGB Percent	45%, 69%, 66%
CMY	0.5449, 0.3059, 0.3372
CMYK	0.34, 0.00, 0.05, 0.31
HSL	172°, 28%, 57%
HSV	172°, 34%, 69%
XYZ	30.0900, 38.0219, 43.2913
YIQ	157.8490, -33.7880, -15.4200

Conversions

Conversions Part 2

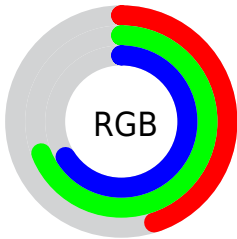
Format	Color
RYB	116, 149, 177
Decimal	7647657
CIELab	68.04, -21.45, -2.17
CIElCh	68, 21.565, 185.787
Yxy	38.0219, 0.2701, 0.3413
Android (android.graphics.Color)	4285837737 (0xFF74B1A9)
YUV	157.8490, 5.4974, -36.7016
Hunter-Lab	61.6619, -20.8033, 1.5373

Details

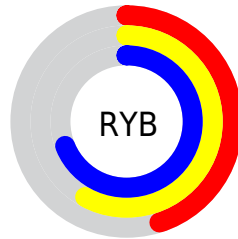
The Yxy color **38.0219, 0.2701, 0.3413** is a light color, and the websafe version is hex **669999**. A complement of this color would be **23.3025, 0.3816, 0.3174**, and the grayscale version is **34.1106, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.2057, 0.2782, 0.3394**, and **16.7896, 0.2572, 0.3445** is the 20% darker color. If you saturate the color by 10%, you get **36.8369, 0.2602, 0.3455**, and if you desaturate by 10%, it is **39.4426, 0.2814, 0.3374**.

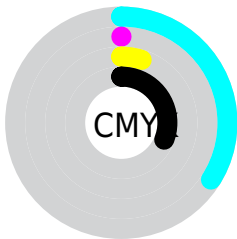
Distribution



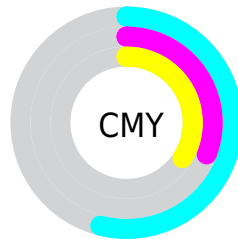
- Red (45%)
- Green (69%)
- Blue (66%)



- Red (45%)
- Yellow (58%)
- Blue (69%)



- Cyan (34%)
- Magenta (0%)
- Yellow (5%)
- Black (31%)





- Cyan (54%)
- Magenta (31%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.0219, 0.2701, 0.3413 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 38.0219, 0.2701, 0.3413 by changing the saturation by 10% instead.

 38.0219, 0.2701,
0.3413


 38.0219, 0.2701,
0.3413


337.7139, 0.2920,
0.3351

 25.9997, 0.2645,
0.3428


 72.1417, 0.2782,
0.3391

 16.8234, 0.2571,
0.3448


 95.0081, 0.2812,
0.3382

 10.1087, 0.2471,
0.3474


 122.2580, 0.2837,
0.3375

 5.4711, 0.2329,
0.3511

154.2758, 0.2858,
0.3369

 2.5262, 0.2108,
0.3564

191.4459, 0.2877,
0.3364

 0.8897, 0.1375,
0.3801

234.1527, 0.2893,

 0.0000, 0.0000,

0.3359

0.0000

282.7805, 0.2907,
0.3355

■ 38.0219, 0.2701,
0.3413

■ 38.0219, 0.2701,
0.3413

■ 36.8369, 0.2602,
0.3455

■ 39.4426, 0.2814,
0.3374

■ 35.8700, 0.2518,
0.3498

■ 41.1065, 0.2937,
0.3337

■ 35.1080, 0.2451,
0.3543

■ 43.0265, 0.3067,
0.3304

■ 34.5347, 0.2404,
0.3588

■ 45.2132, 0.3203,
0.3273

■ 34.1316, 0.2375,
0.3634

■ 47.6765, 0.3341,
0.3246

■ 33.8758, 0.2364,
0.3679

■ 50.4259, 0.3480,
0.3222

■ 33.7692, 0.2362,
0.3704

■ 53.4704, 0.3617,
0.3201

■ 56.3152, 0.3728,
0.3181

■ 56.4158, 0.3707,
0.3157

Harmonies

Analogous

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



38.0219, 0.2972, 0.3696



38.0219, 0.2701, 0.3413



38.0219, 0.2546, 0.3108

Triad

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



38.0219, 0.2701, 0.3413



38.0219, 0.2937, 0.2789



38.0219, 0.3750, 0.3670

Complementary

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



38.0219, 0.2701, 0.3413



23.3025, 0.3816, 0.3174

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.



38.0219, 0.3745, 0.3421



38.0219, 0.2701, 0.3413



38.0219, 0.3262, 0.2929

Square

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



38.0219, 0.2701, 0.3413



38.0219, 0.2677, 0.2766



38.0219, 0.3563, 0.3154



38.0219, 0.3581, 0.3836

Rectangle

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



38.0219, 0.2701, 0.3413



38.0219, 0.2524, 0.2941



38.0219, 0.3563, 0.3154



38.0219, 0.3769, 0.3593

Sweetspot

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



38.0234, 0.2701, 0.3413



75.0344, 0.2992, 0.3323



37.0023, 0.3147, 0.4280



16.1611, 0.2974, 0.3327



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



38.0234, 0.2701, 0.3413



66.5186, 0.2627, 0.3443



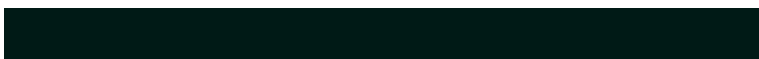
30.2148, 0.2602, 0.2933



9.6120, 0.3003, 0.3320



24.4743, 0.2361, 0.3699



0.7754, 0.2326, 0.3573

Inverse Universe

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



23.3025, 0.3816, 0.3174



36.3115, 0.4035, 0.3149



28.8977, 0.3812, 0.3620



8.5228, 0.3267, 0.3260



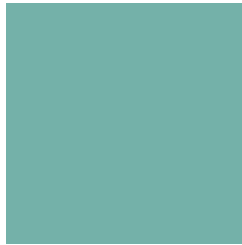
6.8230, 0.6207, 0.3193



0.2204, 0.5622, 0.2870

Previews

White Background



This preview shows how the Yxy color 38.0219, 0.2701, 0.3413 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 38.0219, 0.2701, 0.3413 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

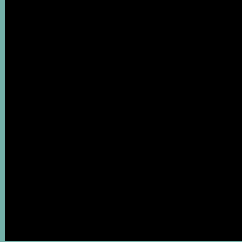
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.0219, 0.2701, 0.3413

Background



This preview shows how black text looks on a background with the Yxy color 38.0219, 0.2701, 0.3413.

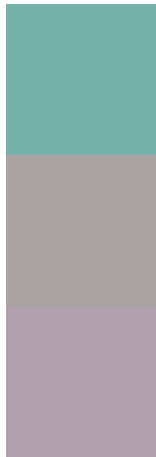


This preview shows how white text looks on a background with the Yxy color 38.0219, 0.2701, 0.3413.

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

38.0219, 0.2701, 0.3413

Protanopia

37.5946, 0.3192, 0.3319

Deuteranopia

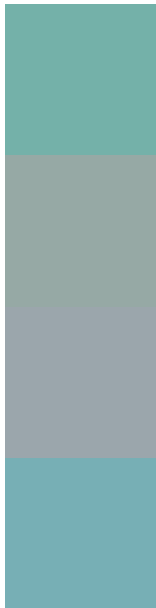
37.6237, 0.3183, 0.3113



Tritanopia

37.9679, 0.2604, 0.3080

Trichromacy



Original Color

38.0219, 0.2701, 0.3413

Protanomaly

37.5766, 0.2990, 0.3349

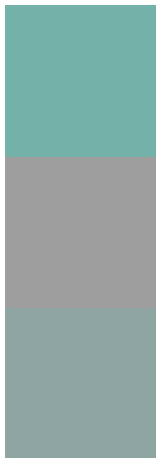
Deuteranomaly

37.2196, 0.2977, 0.3203

Tritanomaly

37.9181, 0.2638, 0.3198

Monochromacy



Original Color

38.0219, 0.2701, 0.3413

Achromatopsia

34.1914, 0.3127, 0.3290

Achromatomaly

35.3585, 0.2953, 0.3335

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.0219, 0.2701, 0.3413 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(116, 177, 169)` looks like.

```
.text, #text, p{  
    color:rgb(116, 177, 169)  
}
```

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(116, 177, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 177, 169) }
```

Border

The CSS property to change the border of an element to Yxy 38.0219, 0.2701, 0.3413 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(116, 177, 169) }
```

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

```
.border{ border-color:rgb(116, 177, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 177, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 177, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 177, 169);  
box-shadow:4px 4px 4px 4px rgb(116, 177,  
169) }
```


Background

The CSS property to change the background color of an element to Yxy 38.0219, 0.2701, 0.3413 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 177, 169) }
```

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

```
.background{ background-color: rgb(116,  
177, 169) }
```

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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