

Converting Colors

$Yxy(38.7122, 0.2704, 0.3460)$

Have a look what the booklet for
Yxy(38.7122, 0.2704, 0.3460)
contains.

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Color

Yxy(38.7122, 0.2704, 0.3460)

Conversions

Conversions Part 1

Format	Color
Hex	73B3A8
RGB	115, 179, 168
RGB Percent	45%, 70%, 66%
CMY	0.5492, 0.2980, 0.3412
CMYK	0.36, 0.00, 0.06, 0.30
HSL	170°, 30%, 58%
HSV	170°, 36%, 70%
XYZ	30.2537, 38.7122, 42.9191
YIQ	158.6100, -34.6130, -16.9890

Conversions

Conversions Part 2

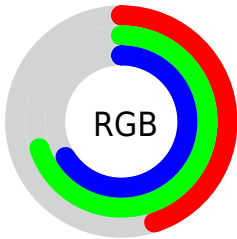
Format	Color
RYB	115, 150, 179
Decimal	7582632
CIELab	68.54, -23.02, -0.88
CIELCh	69, 23.034, 182.190
Yxy	38.7122, 0.2704, 0.3460
Android (android.graphics.Color)	4285772712 (0xFF73B3A8)
YUV	158.6100, 4.6293, -38.2460
Hunter-Lab	62.2191, -22.0889, 2.6548

Details

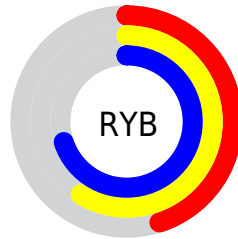
The Yxy color **38.7122, 0.2704, 0.3460** is a light color, and the websafe version is hex **669999**. A complement of this color would be **23.3439, 0.3820, 0.3131**, and the grayscale version is **34.4709, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.1794, 0.2783, 0.3430**, and **17.2394, 0.2580, 0.3512** is the 20% darker color. If you saturate the color by 10%, you get **37.5028, 0.2610, 0.3516**, and if you desaturate by 10%, it is **40.1631, 0.2811, 0.3408**.

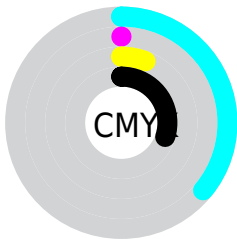
Distribution



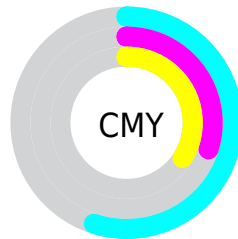
- Red (45%)
- Green (70%)
- Blue (66%)



- Red (45%)
- Yellow (59%)
- Blue (70%)



- Cyan (36%)
- Magenta (0%)
- Yellow (6%)
- Black (30%)




- Cyan (55%)
- Magenta (30%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.7122, 0.2704, 0.3460 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 38.7122, 0.2704, 0.3460 by changing the saturation by 10% instead.


 38.7122, 0.2704,
0.3460

 38.7122, 0.2704,
0.3460


340.6653, 0.2921,
0.3373

 26.5359, 0.2648,
0.3482


 73.1985, 0.2784,
0.3428

 17.2250, 0.2575,
0.3511


 96.2772, 0.2814,
0.3416

 10.3950, 0.2477,
0.3549


 123.7589, 0.2839,
0.3406

 5.6617, 0.2335,
0.3604

156.0279, 0.2860,
0.3398

 2.6405, 0.2118,
0.3687

193.4687, 0.2878,
0.3391

 0.9470, 0.1415,
0.3978

236.4656, 0.2894,

 0.0000, 0.0000,

0.3384

0.0000

285.4030, 0.2909,
0.3378

■ 38.7122, 0.2704,
0.3460

■ 38.7122, 0.2704,
0.3460

■ 37.5028, 0.2610,
0.3516

■ 40.1631, 0.2811,
0.3408

■ 36.5164, 0.2532,
0.3574

■ 41.8633, 0.2928,
0.3359

■ 35.7396, 0.2471,
0.3634

■ 43.8263, 0.3053,
0.3314

■ 35.1552, 0.2429,
0.3695


■ 46.0628, 0.3182,
0.3273


■ 34.7436, 0.2406,
0.3756


■ 48.5834, 0.3314,
0.3237


 34.4797, 0.2401,
0.3817

 51.3978, 0.3446,
0.3204

 34.3895, 0.2401,
0.3843

 54.5153, 0.3577,
0.3176

 57.3383, 0.3677,
0.3149

 57.4768, 0.3650,
0.3118

Harmonies

Analogous

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



38.7122, 0.3001, 0.3752



38.7122, 0.2704, 0.3460



38.7122, 0.2524, 0.3131

Triad

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



38.7122, 0.2704, 0.3460



38.7122, 0.2887, 0.2750



38.7122, 0.3799, 0.3663

Complementary

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



38.7122, 0.2704, 0.3460



23.3439, 0.3820, 0.3131

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.



38.7122, 0.3770, 0.3393



38.7122, 0.2704, 0.3460



38.7122, 0.3228, 0.2884

Square

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



38.7122, 0.2704, 0.3460



38.7122, 0.2625, 0.2741



38.7122, 0.3557, 0.3114



38.7122, 0.3638, 0.3855

Rectangle

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



38.7122, 0.2704, 0.3460



38.7122, 0.2487, 0.2946



38.7122, 0.3557, 0.3114



38.7122, 0.3811, 0.3578

Sweetspot

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



38.7138, 0.2704, 0.3460



76.5209, 0.2985, 0.3338



37.9709, 0.3175, 0.4317



16.8507, 0.2968, 0.3344



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.



38.7138, 0.2704, 0.3460



67.5689, 0.2628, 0.3504



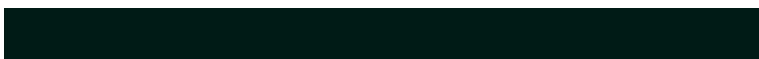
31.6006, 0.2588, 0.2968



9.6060, 0.3008, 0.3329



24.3064, 0.2399, 0.3836



0.7714, 0.2352, 0.3666

Inverse Universe

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



23.3439, 0.3820, 0.3131



35.9235, 0.4054, 0.3096



28.2183, 0.3863, 0.3588



8.5283, 0.3261, 0.3251



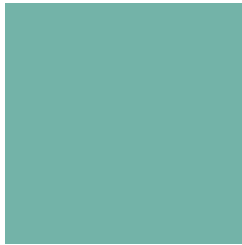
6.8483, 0.6116, 0.3143



0.2227, 0.5427, 0.2763

Previews

White Background



This preview shows how the Yxy color 38.7122, 0.2704, 0.3460 looks on a white background.

Color Contrast Check

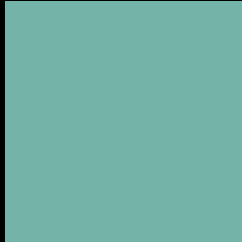
Large Text (above 18pt) WCAG AA × Fail

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 38.7122, 0.2704, 0.3460 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

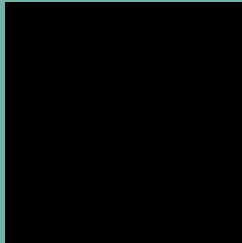
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.7122, 0.2704, 0.3460

Background



This preview shows how black text looks on a background with the Yxy color 38.7122, 0.2704, 0.3460.



This preview shows how white text looks on a background with the Yxy color 38.7122, 0.2704, 0.3460.

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

38.7122, 0.2704, 0.3460

Protanopia

38.4684, 0.3226, 0.3375

Deuteranopia

38.1716, 0.3210, 0.3141



Tritanopia

38.7614, 0.2589, 0.3081

Trichromacy



Original Color

38.7122, 0.2704, 0.3460

Protanomaly

38.3495, 0.3015, 0.3407

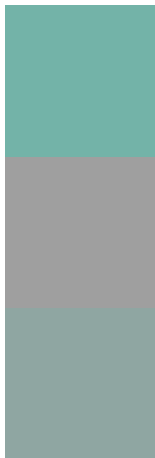
Deuteranomaly

38.0135, 0.2994, 0.3246

Tritanomaly

38.6732, 0.2628, 0.3213

Monochromacy



Original Color

38.7122, 0.2704, 0.3460

Achromatopsia

34.6704, 0.3127, 0.3290

Achromatomaly

35.7207, 0.2953, 0.3350

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.7122, 0.2704, 0.3460 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, 179, 168)` looks like.

```
.text, #text, p{  
    color:rgb(115, 179, 168)  
}
```

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, 179, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 179, 168) }
```

Border

The CSS property to change the border of an element to Yxy 38.7122, 0.2704, 0.3460 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, 179, 168) }
```

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

```
.border{ border-color:rgb(115, 179, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 179, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 179, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 179, 168);  
box-shadow:4px 4px 4px 4px rgb(115, 179,  
168) }
```


Background

The CSS property to change the background color of an element to Yxy 38.7122, 0.2704, 0.3460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 179, 168) }
```

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

```
.background{ background-color: rgb(115,  
179, 168) }
```

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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