

Converting Colors

$Yxy(38.6474, 0.2681, 0.3262)$

Have a look what the booklet for
Yxy(38.6474, 0.2681, 0.3262)
contains.

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Color

Yxy(38.7962, 0.2682, 0.3274)

Conversions

Conversions Part 1

Format	Color
Hex	7AB1B2
RGB	122, 177, 178
RGB Percent	48%, 69%, 70%
CMY	0.5216, 0.3059, 0.3020
CMYK	0.31, 0.01, 0.00, 0.30
HSL	181°, 27%, 59%
HSV	181°, 31%, 70%
XYZ	31.7811, 38.7962, 47.9205
YIQ	160.6690, -33.1010, -11.3490

Conversions

Conversions Part 2

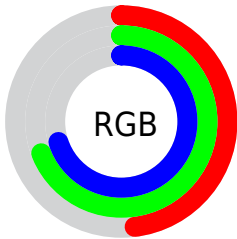
Format	Color
RYB	122, 150, 178
Decimal	8040882
CIELab	68.60, -17.63, -6.26
CIElCh	69, 18.709, 199.558
Yxy	38.7962, 0.2682, 0.3274
Android (android.graphics.Color)	4286230962 (0xFF7AB1B2)
YUV	160.6690, 8.5442, -33.9127
Hunter-Lab	62.2866, -17.9237, -2.0145

Details

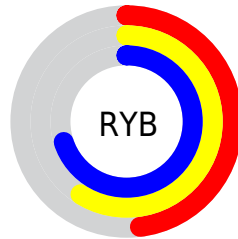
The Yxy color **38.7962, 0.2682, 0.3274** is a light color, and the websafe version is hex **669999**. A complement of this color would be **25.0240, 0.3825, 0.3306**, and the grayscale version is **35.4496, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.4484, 0.2762, 0.3277**, and **17.1981, 0.2552, 0.3267** is the 20% darker color. If you saturate the color by 10%, you get **37.4937, 0.2565, 0.3268**, and if you desaturate by 10%, it is **40.3400, 0.2813, 0.3279**.

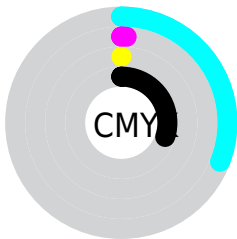
Distribution



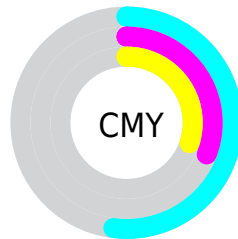
- Red (48%)
- Green (69%)
- Blue (70%)



- Red (48%)
- Yellow (59%)
- Blue (70%)



- Cyan (31%)
- Magenta (1%)
- Yellow (0%)
- Black (30%)




- Cyan (52%)
- Magenta (31%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.7962, 0.2682, 0.3274 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 38.7962, 0.2682, 0.3274 by changing the saturation by 10% instead.


 38.7962, 0.2682,
0.3274


 38.7962, 0.2682,
0.3274

341.0232, 0.2909,
0.3286

 26.6012, 0.2624,
0.3270


 73.3269, 0.2765,
0.3279

 17.2740, 0.2549,
0.3264


 96.4314, 0.2796,
0.3281

 10.4300, 0.2448,
0.3254


 123.9411, 0.2822,
0.3282

 5.6850, 0.2305,
0.3237

156.2406, 0.2845,
0.3283

 2.6545, 0.2088,
0.3204

193.7142, 0.2864,
0.3284

 0.9541, 0.1583,
0.3181

236.7462, 0.2881,

 0.0000, 0.0000,

0.3285

0.0000

285.7211, 0.2896,
0.3285

■ 38.7962, 0.2682,
0.3274

■ 38.7962, 0.2682,
0.3274

■ 37.4937, 0.2565,
0.3268

■ 40.3400, 0.2813,
0.3279

■ 36.4149, 0.2465,
0.3263

■ 42.1324, 0.2955,
0.3285

■ 35.5470, 0.2382,
0.3257

■ 44.1862, 0.3105,
0.3289

■ 34.8741, 0.2318,
0.3251

■ 46.5120, 0.3260,
0.3294

■ 34.3782, 0.2273,
0.3245

■ 49.1196, 0.3419,
0.3298

■ 34.0378, 0.2246,
0.3240

■ 52.0186, 0.3577,
0.3301

■ 33.8319, 0.2232,
0.3235

■ 55.2179, 0.3734,
0.3305

■ 56.9045, 0.3807,
0.3308

■ 57.0287, 0.3806,
0.3311

Harmonies

Analogous

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



38.7962, 0.2877, 0.3536



38.7962, 0.2682, 0.3274



38.7962, 0.2603, 0.3032

Triad

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



38.7962, 0.2682, 0.3274



38.7962, 0.3090, 0.2899



38.7962, 0.3614, 0.3698

Complementary

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



38.7962, 0.2682, 0.3274



25.0240, 0.3825, 0.3306

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.



38.7962, 0.3681, 0.3510



38.7962, 0.2682, 0.3274



38.7962, 0.3371, 0.3060

Square

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



38.7962, 0.2682, 0.3274



38.7962, 0.2831, 0.2830



38.7962, 0.3591, 0.3279



38.7962, 0.3415, 0.3785

Rectangle

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



38.7962, 0.2682, 0.3274



38.7962, 0.2624, 0.2915



38.7962, 0.3591, 0.3279



38.7962, 0.3653, 0.3644

Sweetspot

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



38.7978, 0.2682, 0.3274



77.2401, 0.2988, 0.3286



37.3972, 0.3078, 0.4184



16.9987, 0.2967, 0.3285



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.



38.7978, 0.2682, 0.3274



68.6312, 0.2596, 0.3270



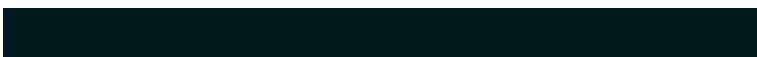
28.8619, 0.2630, 0.2831



9.6058, 0.2986, 0.3286



24.2239, 0.2232, 0.3236



0.7701, 0.2236, 0.3251

Inverse Universe

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



26.5542, 0.3173, 0.2534



42.8142, 0.3184, 0.2367



32.9742, 0.3702, 0.3708



8.6441, 0.3140, 0.3069



8.9856, 0.3252, 0.1565



0.2835, 0.3239, 0.1558

Previews

White Background



This preview shows how the Yxy color 38.7962, 0.2682, 0.3274 looks on a white background.

Color Contrast Check

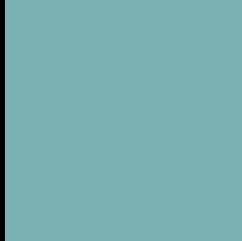
Large Text (above 18pt) WCAG AA × Fail

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 38.7962, 0.2682, 0.3274 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

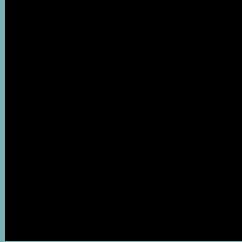
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.7962, 0.2682, 0.3274

Background



This preview shows how black text looks on a background with the Yxy color 38.7962, 0.2682, 0.3274.



This preview shows how white text looks on a background with the Yxy color 38.7962, 0.2682, 0.3274.

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

38.7962, 0.2682, 0.3274

Protanopia

38.5375, 0.3103, 0.3220

Deuteranopia

38.4070, 0.3093, 0.3033



Tritanopia

38.6940, 0.2626, 0.3082

Trichromacy



Original Color

38.7962, 0.2682, 0.3274

Protanomaly

38.3848, 0.2928, 0.3232

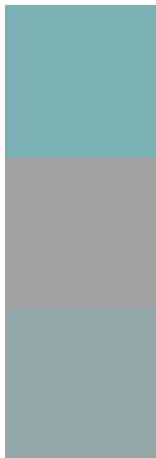
Deuteranomaly

38.0006, 0.2922, 0.3105

Tritanomaly

38.8385, 0.2648, 0.3155

Monochromacy



Original Color

38.7962, 0.2682, 0.3274

Achromatopsia

35.6400, 0.3127, 0.3290

Achromatomaly

36.6305, 0.2948, 0.3289

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.7962, 0.2682, 0.3274 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(122, 177, 178)` looks like.

```
.text, #text, p{  
    color:rgb(122, 177, 178)  
}
```

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(122, 177, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 177, 178) }
```

Border

The CSS property to change the border of an element to Yxy 38.7962, 0.2682, 0.3274 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(122, 177, 178) }
```

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

```
.border{ border-color:rgb(122, 177, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 177, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 177, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 177, 178);  
box-shadow:4px 4px 4px 4px rgb(122, 177,  
178) }
```


Background

The CSS property to change the background color of an element to Yxy 38.7962, 0.2682, 0.3274 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 177, 178) }
```

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

```
.background{ background-color: rgb(122,  
177, 178) }
```

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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