

Converting Colors

$Yxy(37.9336, 0.2695, 0.3199)$

Have a look what the booklet for
Yxy(37.9336, 0.2695, 0.3199)
contains.

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Color

Yxy(38.0030, 0.2692, 0.3199)

Conversions

Conversions Part 1

Format	Color
Hex	7EAE B4
RGB	126, 174, 180
RGB Percent	49%, 68%, 71%
CMY	0.5057, 0.3177, 0.2942
CMYK	0.30, 0.03, 0.00, 0.29
HSL	187°, 26%, 60%
HSV	187°, 30%, 71%
XYZ	31.9800, 38.0030, 48.8135
YIQ	160.3320, -30.5340, -8.3100

Conversions

Conversions Part 2

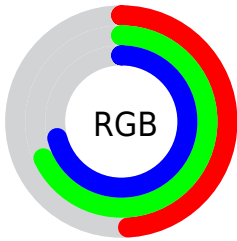
Format	Color
R_{YB}	126, 151, 180
Decimal	8302260
CIE _{Lab}	68.02, -14.40, -8.20
CIE _{LCh}	68, 16.576, 209.661
Yxy	38.0030, 0.2692, 0.3199
Android (android.graphics.Color)	4286492340 (0xFF7EAE _{B4})
YUV	160.3320, 9.6963, -30.1092
Hunter-Lab	61.6466, -15.2821, -3.7949

Details

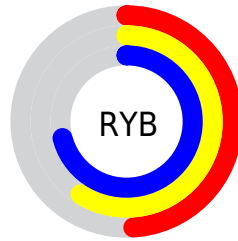
The Yxy color **38.0030, 0.2692, 0.3199** is a light color, and the websafe version is hex **669999**. A complement of this color would be **27.7127, 0.3759, 0.3379**, and the grayscale version is **35.2834, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.3531, 0.2771, 0.3221**, and **16.9072, 0.2562, 0.3181** is the 20% darker color. If you saturate the color by 10%, you get **35.9924, 0.2565, 0.3164**, and if you desaturate by 10%, it is **40.2742, 0.2830, 0.3232**.

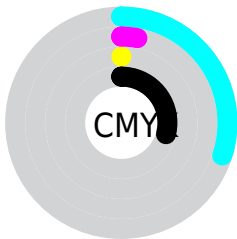
Distribution



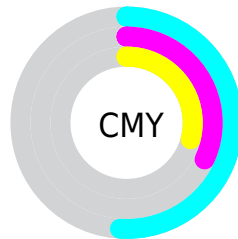
- Red (49%)
- Green (68%)
- Blue (71%)



- Red (49%)
- Yellow (59%)
- Blue (71%)



- Cyan (30%)
- Magenta (3%)
- Yellow (0%)
- Black (29%)





- Cyan (51%)
- Magenta (32%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.0030, 0.2692, 0.3199 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 38.0030, 0.2692, 0.3199 by changing the saturation by 10% instead.


 38.0030, 0.2692,
0.3199


 38.0030, 0.2692,
0.3199


337.6328, 0.2914,
0.3250


 25.9850, 0.2635,
0.3185


 72.1127, 0.2774,
0.3219

 16.8124, 0.2562,
0.3165


 94.9733, 0.2804,
0.3226

 10.1009, 0.2462,
0.3137

 122.2168, 0.2830,
0.3231

 5.4659, 0.2321,
0.3095

154.2277, 0.2851,
0.3236

 2.5231, 0.2106,
0.3022

191.3903, 0.2870,
0.3240

 0.8882, 0.1618,
0.2918

234.0892, 0.2887,

 0.0000, 0.0000,

0.3244

0.0000

282.7085, 0.2901,
0.3247

■ 38.0030, 0.2692,
0.3199

■ 38.0030, 0.2692,
0.3199

■ 35.9924, 0.2565,
0.3164

■ 40.2742, 0.2830,
0.3232

■ 34.2247, 0.2452,
0.3128

■ 42.8137, 0.2976,
0.3262

■ 32.6867, 0.2356,
0.3091

■ 45.6344, 0.3128,
0.3290

■ 31.3626, 0.2277,
0.3052

■ 48.7472, 0.3282,
0.3315

■ 30.2339, 0.2218,
0.3014

■ 52.1623, 0.3436,
0.3338

■ 29.2791, 0.2177,
0.2976

■ 55.8892, 0.3589,
0.3358

■ 28.4536, 0.2150,
0.2939

■ 59.9373, 0.3738,
0.3376

■ 28.4509, 0.2150,
0.2938

■ 61.3553, 0.3757,
0.3396

■ 62.2241, 0.3751,
0.3417

Harmonies

Analogous

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



38.0030, 0.2836, 0.3434



38.0030, 0.2692, 0.3199



38.0030, 0.2661, 0.3003

Triad

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



38.0030, 0.2692, 0.3199



38.0030, 0.3181, 0.2979



38.0030, 0.3513, 0.3694

Complementary

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



38.0030, 0.2692, 0.3199



27.7127, 0.3759, 0.3379

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.



38.0030, 0.3616, 0.3552



38.0030, 0.2692, 0.3199



38.0030, 0.3420, 0.3147

Square

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



38.0030, 0.2692, 0.3199



38.0030, 0.2935, 0.2887



38.0030, 0.3582, 0.3353



38.0030, 0.3308, 0.3728

Rectangle

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



38.0030, 0.2692, 0.3199



38.0030, 0.2706, 0.2918



38.0030, 0.3582, 0.3353



38.0030, 0.3561, 0.3656

Sweetspot

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



38.0045, 0.2692, 0.3199



78.0549, 0.2988, 0.3265



38.7197, 0.3047, 0.4061



16.7194, 0.2967, 0.3260



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.



38.0045, 0.2692, 0.3199



66.4578, 0.2606, 0.3176



28.7910, 0.2646, 0.2783



9.4676, 0.2986, 0.3264



19.9250, 0.2151, 0.2943



0.6724, 0.2180, 0.3048

Inverse Universe

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



27.6876, 0.3224, 0.2632



44.9027, 0.3250, 0.2487



35.7969, 0.3652, 0.3748



8.6302, 0.3154, 0.3090



8.5516, 0.3505, 0.1704



0.2737, 0.3412, 0.1653

Previews

White Background



This preview shows how the Yxy color 38.0030, 0.2692, 0.3199 looks on a white background.

Color Contrast Check

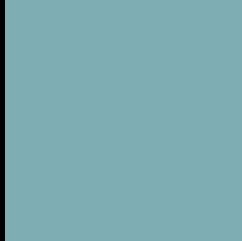
Large Text (above 18pt) WCAG AA × Fail

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 38.0030, 0.2692, 0.3199 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

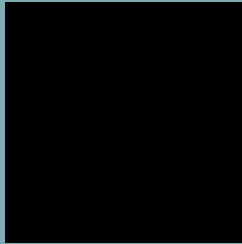
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

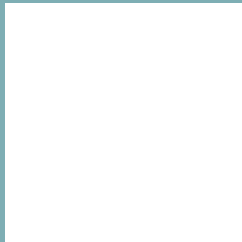
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 38.0030, 0.2692, 0.3199

Background



This preview shows how black text looks on a background with the Yxy color 38.0030, 0.2692, 0.3199.



This preview shows how white text looks on a background with the Yxy color 38.0030, 0.2692, 0.3199.

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

38.0030, 0.2692, 0.3199

Protanopia

37.7139, 0.3060, 0.3149

Deuteranopia

37.7929, 0.3048, 0.2990



Tritanopia

38.0642, 0.2657, 0.3082

Trichromacy



Original Color

38.0030, 0.2692, 0.3199

Protanomaly

37.7192, 0.2911, 0.3174

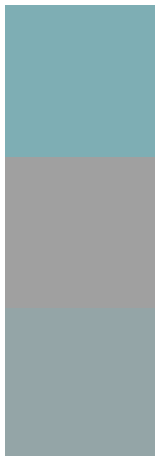
Deuteranomaly

37.7178, 0.2906, 0.3063

Tritanomaly

37.8599, 0.2670, 0.3125

Monochromacy



Original Color

38.0030, 0.2692, 0.3199

Achromatopsia

35.1533, 0.3127, 0.3290

Achromatomaly

35.9962, 0.2956, 0.3260

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.0030, 0.2692, 0.3199 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(126, 174, 180)` looks like.

```
.text, #text, p{  
    color:rgb(126, 174, 180)  
}
```

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(126, 174, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 174, 180) }
```

Border

The CSS property to change the border of an element to Yxy 38.0030, 0.2692, 0.3199 is called "border". The border property can be set on classes, ids or directly on the HTML element.

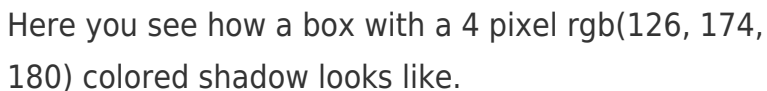
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(126, 174, 180) }
```

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

```
.border{ border-color:rgb(126, 174, 180) }
```

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



Here you see how a box with a 4 pixel `rgb(126, 174, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(126, 174, 180); -webkit-box-shadow:4px 4px 4px 4px rgb(126, 174, 180); box-shadow:4px 4px 4px 4px rgb(126, 174, 180) }
```


Background

The CSS property to change the background color of an element to Yxy 38.0030, 0.2692, 0.3199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 174, 180) }
```

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

```
.background{ background-color: rgb(126,  
174, 180) }
```

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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