

Converting Colors

$Yxy(38.5621, 0.2606, 0.3012)$

Have a look what the booklet for
Yxy(38.5621, 0.2606, 0.3012)
contains.

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Color

Yxy(38.5580, 0.2605, 0.3011)

Conversions

Conversions Part 1

Format	Color
Hex	7EAE C1
RGB	126, 174, 193
RGB Percent	49%, 68%, 76%
CMY	0.5061, 0.3176, 0.2431
CMYK	0.35, 0.10, 0.00, 0.24
HSL	197°, 35%, 63%
HSV	197°, 35%, 76%
XYZ	33.3589, 38.5580, 56.1402
YIQ	161.8140, -34.7070, -4.2670

Conversions

Conversions Part 2

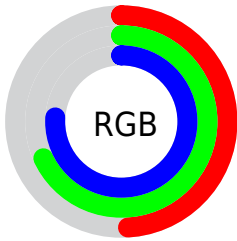
Format	Color
RYB	126, 154, 193
Decimal	8302273
CIELab	68.43, -11.23, -14.81
CIELCh	68, 18.583, 232.817
Yxy	38.5580, 0.2605, 0.3011
Android (android.graphics.Color)	4286492353 (0xFF7EAE C1)
YUV	161.8140, 15.3747, -31.4089
Hunter-Lab	62.0951, -12.7722, -10.1376

Details

The Yxy color **38.5580, 0.2605, 0.3011** is a light color, and the websafe version is hex **669999**. A complement of this color would be **33.0711, 0.3851, 0.3550**, and the grayscale version is **35.9735, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.2569, 0.2707, 0.3077**, and **17.2390, 0.2462, 0.2938** is the 20% darker color. If you saturate the color by 10%, you get **35.1629, 0.2467, 0.2916**, and if you desaturate by 10%, it is **42.3250, 0.2751, 0.3100**.

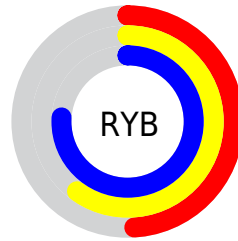
Distribution



Red (49%)

Green (68%)

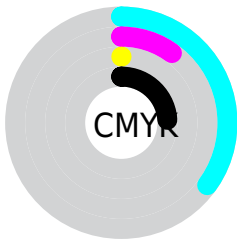
Blue (76%)



Red (49%)

Yellow (60%)

Blue (76%)

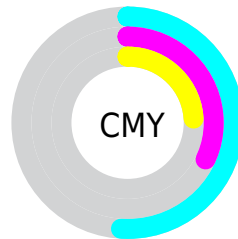


Cyan (35%)

Magenta (10%)

Yellow (0%)

Black (24%)



Cyan (51%)

Magenta (32%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 38.5580, 0.2605, 0.3011 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 38.5580, 0.2605, 0.3011 by changing the saturation by 10% instead.

■ 38.5580, 0.2605,
0.3011

■ 38.5580, 0.2605,
0.3011

■ 340.0076, 0.2869,
0.3158

■ 26.4161, 0.2538,
0.2972

■ 72.9626, 0.2702,
0.3066

■ 17.1352, 0.2452,
0.2920

■ 95.9941, 0.2738,
0.3087

■ 10.3309, 0.2337,
0.2849

■ 123.4241, 0.2768,
0.3103

■ 5.6189, 0.2176,
0.2745

■ 155.6372, 0.2794,
0.3118

■ 2.6148, 0.1937,
0.2581

■ 193.0177, 0.2817,
0.3130

■ 0.9341, 0.1510,
0.2302

■ 235.9500, 0.2837,

■ 0.0000, 0.0000,

0.3141

0.0000

284.8185, 0.2854,
0.3150

■ 38.5580, 0.2605,
0.3011

■ 38.5580, 0.2605,
0.3011

■ 35.1629, 0.2467,
0.2916

■ 42.3250, 0.2751,
0.3100

■ 32.1179, 0.2341,
0.2816

■ 46.4755, 0.2902,
0.3182

■ 29.4054, 0.2229,
0.2712

■ 51.0258, 0.3055,
0.3257

■ 27.0042, 0.2136,
0.2606

■ 55.9901, 0.3207,
0.3325

■ 24.8898, 0.2061,
0.2499

■ 61.3817, 0.3356,
0.3385

■ 23.0327, 0.2007,
0.2394

■ 67.2130, 0.3501,
0.3439

■ 22.1307, 0.1983,
0.2338

■ 72.3329, 0.3593,
0.3489

■ 75.1163, 0.3580,
0.3544

■ 77.9930, 0.3567,
0.3599

Harmonies

Analogous

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



38.5580, 0.2669, 0.3246



38.5580, 0.2605, 0.3011



38.5580, 0.2672, 0.2866

Triad

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



38.5580, 0.2605, 0.3011



38.5580, 0.3398, 0.3082



38.5580, 0.3387, 0.3784

Complementary

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



38.5580, 0.2605, 0.3011



33.0711, 0.3851, 0.3550

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.



38.5580, 0.3596, 0.3712



38.5580, 0.2605, 0.3011



38.5580, 0.3606, 0.3305

Square

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



38.5580, 0.2605, 0.3011



38.5580, 0.3121, 0.2914



38.5580, 0.3679, 0.3533



38.5580, 0.3114, 0.3711

Rectangle

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



38.5580, 0.2605, 0.3011



38.5580, 0.2784, 0.2832



38.5580, 0.3679, 0.3533



38.5580, 0.3467, 0.3775

Sweetspot

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



38.5595, 0.2605, 0.3011



86.8850, 0.2972, 0.3217



44.5821, 0.2959, 0.4036



18.3946, 0.2950, 0.3207



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



38.5595, 0.2605, 0.3011



64.1922, 0.2495, 0.2936



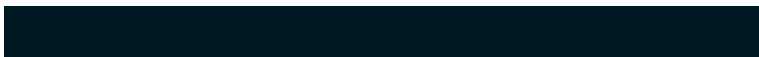
27.5037, 0.2539, 0.2509



10.9308, 0.2984, 0.3223



14.8595, 0.1987, 0.2352



0.7542, 0.2052, 0.2586

Inverse Universe

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



29.2998, 0.3367, 0.2660



45.7155, 0.3440, 0.2518



44.4287, 0.3707, 0.3964



10.1973, 0.3180, 0.3126



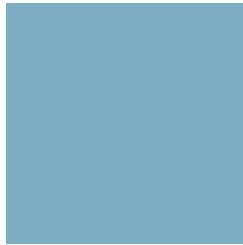
8.7823, 0.4072, 0.2017



0.3908, 0.3838, 0.1888

Previews

White Background



This preview shows how the Yxy color 38.5580, 0.2605, 0.3011 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 38.5580, 0.2605, 0.3011 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 38.5580, 0.2605, 0.3011

Background



This preview shows how black text looks on a background with the Yxy color 38.5580, 0.2605, 0.3011.



This preview shows how white text looks on a background with the Yxy color 38.5580, 0.2605, 0.3011.

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

38.5580, 0.2605, 0.3011

Protanopia

38.2847, 0.2926, 0.2985

Deuteranopia

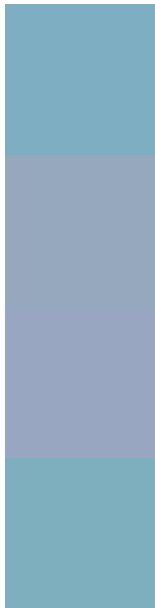
38.1056, 0.2905, 0.2845



Tritanopia

38.6940, 0.2626, 0.3082

Trichromacy



Original Color

38.5580, 0.2605, 0.3011

Protanomaly

38.1634, 0.2804, 0.2992

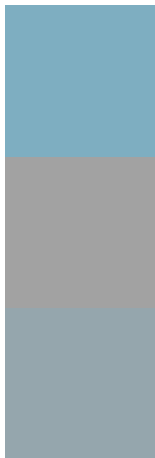
Deuteranomaly

37.9398, 0.2789, 0.2899

Tritanomaly

38.7376, 0.2620, 0.3068

Monochromacy



Original Color

38.5580, 0.2605, 0.3011

Achromatopsia

36.1307, 0.3127, 0.3290

Achromatomaly

36.6791, 0.2917, 0.3187

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.5580, 0.2605, 0.3011 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, 193)` looks like.

```
.text, #text, p{  
    color:rgb(126, 174, 193)  
}
```

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, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 174, 193) }
```

Border

The CSS property to change the border of an element to Yxy 38.5580, 0.2605, 0.3011 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, 193) }
```

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

```
.border{ border-color:rgb(126, 174, 193) }
```

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, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 174, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 174, 193);  
box-shadow:4px 4px 4px 4px rgb(126, 174,  
193) }
```


Background

The CSS property to change the background color of an element to Yxy 38.5580, 0.2605, 0.3011 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, 193) }
```

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

```
.background{ background-color: rgb(126,  
174, 193) }
```

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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