

Converting Colors

$Y_{xy}(31.2387, 0.2588, 0.3358)$

Have a look what the booklet for
Yxy(31.2387, 0.2588, 0.3358)
contains.

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Color

$\text{Yxy}(31.0773, 0.2589, 0.3357)$

Conversions

Conversions Part 1

Format	Color
Hex	5EA39F
RGB	94, 163, 159
RGB Percent	37%, 64%, 62%
CMY	0.6315, 0.3607, 0.3765
CMYK	0.42, 0.00, 0.02, 0.36
HSL	177°, 27%, 50%
HSV	177°, 42%, 64%
XYZ	23.9676, 31.0773, 37.5298
YIQ	141.9130, -39.8400, -15.8720

Conversions

Conversions Part 2

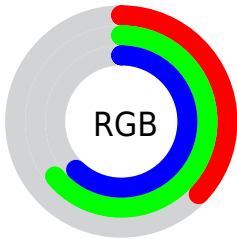
Format	Color
RYB	94, 130, 163
Decimal	6202271
CIELab	62.57, -22.79, -4.76
CIELCh	63, 23.280, 191.793
Yxy	31.0773, 0.2589, 0.3357
Android (android.graphics.Color)	4284392351 (0xFF5EA39F)
YUV	141.9130, 8.4239, -42.0197
Hunter-Lab	55.7470, -20.8140, -0.8920

Details

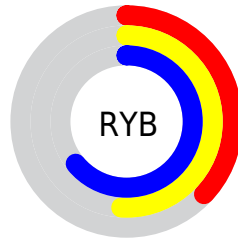
The Yxy color **31.0773, 0.2589, 0.3357** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **16.6687, 0.4128, 0.3229**, and the grayscale version is **26.9892, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.2937, 0.2692, 0.3339**, and **12.8829, 0.2409, 0.3364** is the 20% darker color. If you saturate the color by 10%, you get **30.2734, 0.2496, 0.3375**, and if you desaturate by 10%, it is **32.0659, 0.2698, 0.3339**.

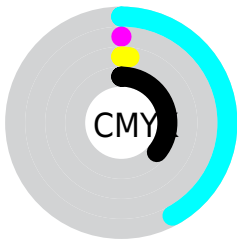
Distribution



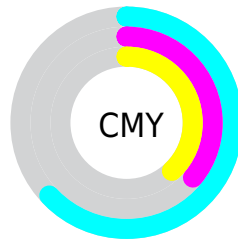
- Red (37%)
- Green (64%)
- Blue (62%)



- Red (37%)
- Yellow (51%)
- Blue (64%)



- Cyan (42%)
- Magenta (0%)
- Yellow (2%)
- Black (36%)




- Cyan (63%)
- Magenta (36%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 31.0773, 0.2589, 0.3357 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 31.0773, 0.2589, 0.3357 by changing the saturation by 10% instead.


 31.0773, 0.2589,
0.3357

 31.0773, 0.2589,
0.3357


306.8943, 0.2873,
0.3326


 20.6577, 0.2513,
0.3364


 61.3618, 0.2696,
0.3346


 12.8740, 0.2413,
0.3372


 81.9954, 0.2735,
0.3342

 7.3419, 0.2274,
0.3381


 106.8026, 0.2767,
0.3338

 3.6768, 0.2070,
0.3389

 136.1676, 0.2795,
0.3335

 1.4945, 0.1740,
0.3391

170.4749, 0.2818,
0.3332

 0.2848, 0.0000,
0.3071

210.1088, 0.2839,

 0.0000, 0.0000,

0.3330

0.0000

255.4538, 0.2857,
0.3328

■ 31.0773, 0.2589,
0.3357

■ 31.0773, 0.2589,
0.3357

■ 30.2734, 0.2496,
0.3375

■ 32.0659, 0.2698,
0.3339

■ 29.6389, 0.2421,
0.3394

■ 33.2460, 0.2820,
0.3323

■ 29.1622, 0.2364,
0.3413


■ 34.6287, 0.2952,
0.3307


■ 28.8285, 0.2325,
0.3432

■ 36.2229, 0.3093,
0.3293

■ 28.6204, 0.2305,
0.3451

■ 38.0373, 0.3239,
0.3280

 28.5147, 0.2296,
0.3466

 40.0798, 0.3388,
0.3269

 42.3582, 0.3537,
0.3258

 44.8797, 0.3685,
0.3250

 47.6514, 0.3829,
0.3242

Harmonies

Analogous

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



31.0773, 0.2876, 0.3705



31.0773, 0.2589, 0.3357



31.0773, 0.2446, 0.3013

Triad

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



31.0773, 0.2589, 0.3357



31.0773, 0.2978, 0.2739



31.0773, 0.3821, 0.3772

Complementary

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



31.0773, 0.2589, 0.3357



16.6687, 0.4128, 0.3229

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.



31.0773, 0.3861, 0.3496



31.0773, 0.2589, 0.3357



31.0773, 0.3357, 0.2922

Square

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



31.0773, 0.2589, 0.3357



31.0773, 0.2659, 0.2683



31.0773, 0.3688, 0.3191



31.0773, 0.3590, 0.3941

Rectangle

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



31.0773, 0.2589, 0.3357



31.0773, 0.2443, 0.2838



31.0773, 0.3688, 0.3191



31.0773, 0.3858, 0.3688

Sweetspot

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



31.0785, 0.2589, 0.3357



61.7747, 0.2940, 0.3309



29.6339, 0.3106, 0.4553



13.7508, 0.2911, 0.3312



82.7571, 0.3127, 0.3290



14.7319, 0.3127, 0.3290

Same Dimension

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



31.0785, 0.2589, 0.3357



54.2630, 0.2500, 0.3375



21.8226, 0.2475, 0.2753



8.0041, 0.2995, 0.3303



22.1607, 0.2296, 0.3464



0.4676, 0.2276, 0.3395

Inverse Universe

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



16.6687, 0.4128, 0.3229



24.9129, 0.4493, 0.3218



22.9817, 0.3984, 0.3765



7.0923, 0.3276, 0.3277



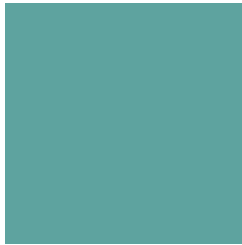
6.0701, 0.6319, 0.3255



0.1294, 0.5961, 0.3057

Previews

White Background



This preview shows how the Yxy color 31.0773, 0.2589, 0.3357 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 31.0773, 0.2589, 0.3357 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

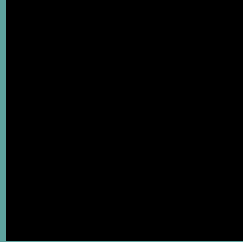
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 31.0773, 0.2589, 0.3357

Background



This preview shows how black text looks on a background with the Yxy color 31.0773, 0.2589, 0.3357.

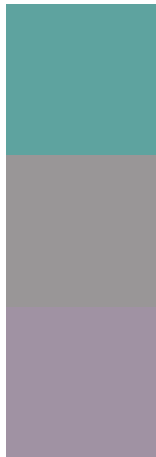


This preview shows how white text looks on a background with the Yxy color 31.0773, 0.2589, 0.3357.

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

31.0773, 0.2589, 0.3357

Protanopia

30.8194, 0.3148, 0.3275

Deuteranopia

30.6757, 0.3108, 0.3038



Tritanopia

31.1424, 0.2510, 0.3075

Trichromacy



Original Color

31.0773, 0.2589, 0.3357

Protanomaly

30.6813, 0.2916, 0.3306

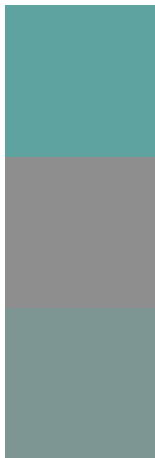
Deuteranomaly

30.2993, 0.2884, 0.3131

Tritanomaly

31.2466, 0.2539, 0.3172

Monochromacy



Original Color

31.0773, 0.2589, 0.3357

Achromatopsia

27.0498, 0.3127, 0.3290

Achromatomaly

28.3108, 0.2900, 0.3323

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.0773, 0.2589, 0.3357 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(94, 163, 159)` looks like.

```
.text, #text, p{  
    color:rgb(94, 163, 159)  
}
```

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(94, 163, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 163, 159) }
```

Border

The CSS property to change the border of an element to Yxy 31.0773, 0.2589, 0.3357 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(94, 163, 159) }
```

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

```
.border{ border-color:rgb(94, 163, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 163, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 163, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 163, 159);  
box-shadow:4px 4px 4px 4px rgb(94, 163,  
159) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 31.0773, 0.2589, 0.3357$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 163, 159) }
```

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

```
.background{ background-color: rgb(94, 163,  
159) }
```

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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