

Converting Colors

$Yxy(35.8585, 0.2783, 0.3419)$

Have a look what the booklet for
Yxy(35.8585, 0.2783, 0.3419)
contains.

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Color

Yxy(35.9077, 0.2777, 0.3415)

Conversions

Conversions Part 1

Format	Color
Hex	7AABA3
RGB	122, 171, 163
RGB Percent	48%, 67%, 64%
CMY	0.5216, 0.3294, 0.3608
CMYK	0.29, 0.00, 0.05, 0.33
HSL	170°, 23%, 57%
HSV	170°, 29%, 67%
XYZ	29.1993, 35.9077, 40.0400
YIQ	155.4370, -26.6360, -12.8760

Conversions

Conversions Part 2

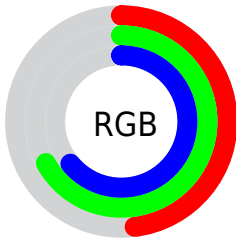
Format	Color
RYB	122, 149, 171
Decimal	8039331
CIELab	66.45, -18.01, -1.13
CIElCh	66, 18.044, 183.601
Yxy	35.9077, 0.2777, 0.3415
Android (android.graphics.Color)	4286229411 (0xFF7AABA3)
YUV	155.4370, 3.7286, -29.3242
Hunter-Lab	59.9230, -17.8858, 2.3291

Details

The Yxy color **35.9077, 0.2777, 0.3415** is a light color, and the websafe version is hex **669999**. A complement of this color would be **24.1896, 0.3641, 0.3170**, and the grayscale version is **32.9746, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.6848, 0.2845, 0.3384**, and **15.6809, 0.2671, 0.3471** is the 20% darker color. If you saturate the color by 10%, you get **34.6697, 0.2673, 0.3465**, and if you desaturate by 10%, it is **37.3705, 0.2892, 0.3368**.

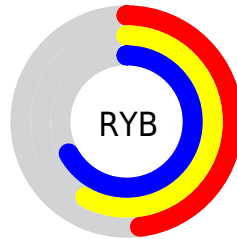
Distribution



Red (48%)

Green (67%)

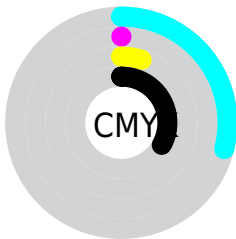
Blue (64%)



Red (48%)

Yellow (58%)

Blue (67%)

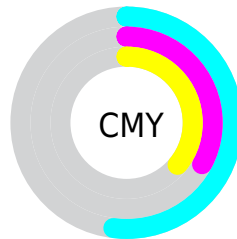


Cyan (29%)

Magenta (0%)

Yellow (5%)

Black (33%)



Cyan (52%)


Magenta (33%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 35.9077, 0.2777, 0.3415 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 35.9077, 0.2777, 0.3415 by changing the saturation by 10% instead.


 35.9077, 0.2777,
0.3415


 35.9077, 0.2777,
0.3415


328.5569, 0.2959,
0.3351

 24.3629, 0.2729,
0.3432

 68.8896, 0.2845,
0.3391

 15.6031, 0.2667,
0.3453


 91.0955, 0.2870,
0.3382

 9.2437, 0.2581,
0.3483


 117.6238, 0.2891,
0.3375

 4.9005, 0.2455,
0.3525

148.8591, 0.2908,
0.3369

 2.1890, 0.2257,
0.3591

185.1857, 0.2924,
0.3363

 0.7140, 0.1321,
0.3945

226.9879, 0.2937,

 0.0000, 0.0000,

0.3359

0.0000

274.6502, 0.2949,
0.3354

■ 35.9077, 0.2777,
0.3415

■ 35.9077, 0.2777,
0.3415

■ 34.6697, 0.2673,
0.3465

■ 37.3705, 0.2892,
0.3368

■ 33.6405, 0.2583,
0.3519

■ 39.0644, 0.3016,
0.3324

■ 32.8092, 0.2508,
0.3574

■ 41.0008, 0.3145,
0.3285

■ 32.1616, 0.2452,
0.3631

■ 43.1891, 0.3277,
0.3249

■ 31.6821, 0.2414,
0.3689

■ 45.6383, 0.3410,
0.3217

■ 31.3523, 0.2396,
0.3747

■ 48.3568, 0.3542,
0.3189

■ 31.1385, 0.2392,
0.3804

■ 51.3526, 0.3672,
0.3165

■ 31.1123, 0.2392,
0.3812

■ 53.9049, 0.3765,
0.3141

■ 54.0244, 0.3739,
0.3112

Harmonies

Analogous

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



35.9077, 0.3015, 0.3648



35.9077, 0.2777, 0.3415



35.9077, 0.2634, 0.3155

Triad

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



35.9077, 0.2777, 0.3415



35.9077, 0.2947, 0.2853



35.9077, 0.3663, 0.3604

Complementary

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



35.9077, 0.2777, 0.3415



24.1896, 0.3641, 0.3170

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.



35.9077, 0.3647, 0.3388



35.9077, 0.2777, 0.3415



35.9077, 0.3223, 0.2967

Square

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



35.9077, 0.2777, 0.3415



35.9077, 0.2729, 0.2843



35.9077, 0.3483, 0.3159



35.9077, 0.3530, 0.3750

Rectangle

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



35.9077, 0.2777, 0.3415



35.9077, 0.2608, 0.3008



35.9077, 0.3483, 0.3159



35.9077, 0.3675, 0.3537

Sweetspot

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



35.9092, 0.2777, 0.3415



69.7960, 0.3009, 0.3327



35.2916, 0.3161, 0.4085



15.4635, 0.2991, 0.3333



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

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



35.9092, 0.2777, 0.3415



62.9420, 0.2714, 0.3445



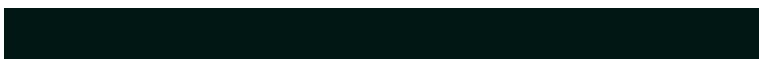
30.4109, 0.2693, 0.3028



9.0493, 0.3007, 0.3327



23.4595, 0.2391, 0.3806



0.6585, 0.2342, 0.3632

Inverse Universe

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



24.1896, 0.3641, 0.3170



38.6881, 0.3792, 0.3144



28.3368, 0.3675, 0.3537



8.0359, 0.3262, 0.3253



6.5952, 0.6134, 0.3153



0.1898, 0.5424, 0.2762

Previews

White Background



This preview shows how the Yxy color 35.9077, 0.2777, 0.3415 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 35.9077, 0.2777, 0.3415 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

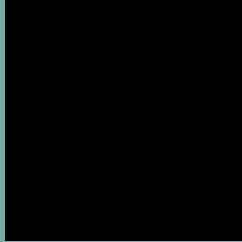
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.9077, 0.2777, 0.3415

Background



This preview shows how black text looks on a background with the Yxy color 35.9077, 0.2777, 0.3415.

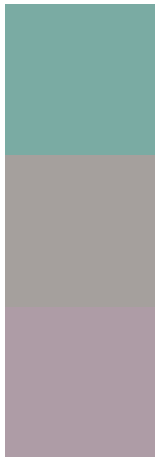


This preview shows how white text looks on a background with the Yxy color 35.9077, 0.2777, 0.3415.

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

35.9077, 0.2777, 0.3415

Protanopia

35.5753, 0.3202, 0.3334

Deuteranopia

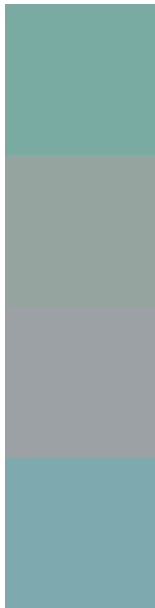
35.5288, 0.3212, 0.3150



Tritanopia

35.8183, 0.2668, 0.3077

Trichromacy



Original Color

35.9077, 0.2777, 0.3415

Protanomaly

35.4437, 0.3031, 0.3365

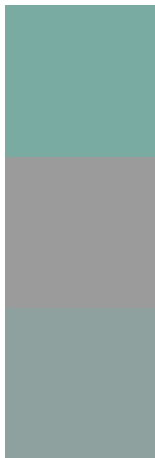
Deuteranomaly

35.1749, 0.3036, 0.3231

Tritanomaly

35.8311, 0.2711, 0.3197

Monochromacy



Original Color

35.9077, 0.2777, 0.3415

Achromatopsia

32.7778, 0.3127, 0.3290

Achromatomaly

33.7980, 0.2985, 0.3336

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.9077, 0.2777, 0.3415 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, 171, 163)` looks like.

```
.text, #text, p{  
    color:rgb(122, 171, 163)  
}
```

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, 171, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 171, 163) }
```

Border

The CSS property to change the border of an element to Yxy 35.9077, 0.2777, 0.3415 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, 171, 163) }
```

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

```
.border{ border-color:rgb(122, 171, 163) }
```

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

Here you see how a box with a 4 pixel rgb(122, 171, 163) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 171, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 171, 163);  
box-shadow:4px 4px 4px 4px rgb(122, 171,  
163) }
```


Background

The CSS property to change the background color of an element to Yxy 35.9077, 0.2777, 0.3415 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 171, 163) }
```

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

```
.background{ background-color: rgb(122,  
171, 163) }
```

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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