

Converting Colors

$Y_{xy}(34.0268, 0.2805, 0.3377)$

Have a look what the booklet for
Yxy(34.0268, 0.2805, 0.3377)
contains.

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Color

Yxy(34.0956, 0.2809, 0.3385)

Conversions

Conversions Part 1

Format	Color
Hex	7CA6A0
RGB	124, 166, 160
RGB Percent	49%, 65%, 63%
CMY	0.5136, 0.3490, 0.3726
CMYK	0.25, 0.00, 0.04, 0.35
HSL	171°, 19%, 57%
HSV	171°, 25%, 65%
XYZ	28.2938, 34.0956, 38.3361
YIQ	152.7580, -23.1060, -10.7700

Conversions

Conversions Part 2

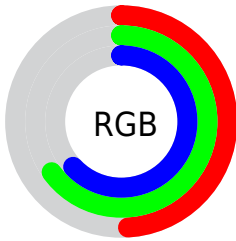
Format	Color
RYB	124, 147, 166
Decimal	8169120
CIELab	65.04, -15.45, -1.50
CIElCh	65, 15.524, 185.560
Yxy	34.0956, 0.2809, 0.3385
Android (android.graphics.Color)	4286359200 (0xFF7CA6A0)
YUV	152.7580, 3.5703, -25.2208
Hunter-Lab	58.3914, -15.6921, 1.9479

Details

The Yxy color **34.0956, 0.2809, 0.3385** is a light color, and the websafe version is hex **669999**. A complement of this color would be **24.1405, 0.3573, 0.3198**, and the grayscale version is **31.7379, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.9663, 0.2866, 0.3361**, and **14.5946, 0.2706, 0.3404** is the 20% darker color. If you saturate the color by 10%, you get **32.8797, 0.2699, 0.3428**, and if you desaturate by 10%, it is **35.5241, 0.2929, 0.3345**.

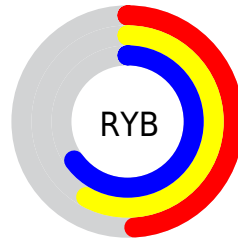
Distribution



Red (49%)

Green (65%)

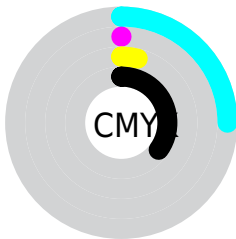
Blue (63%)



Red (49%)

Yellow (58%)

Blue (65%)

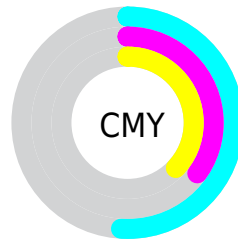


Cyan (25%)

Magenta (0%)

Yellow (4%)

Black (35%)



Cyan (51%)


Magenta (35%)

Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.0956, 0.2809, 0.3385 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 34.0956, 0.2809, 0.3385 by changing the saturation by 10% instead.


 34.0956, 0.2809,
0.3385


 34.0956, 0.2809,
0.3385


320.5581, 0.2976,
0.3336

 22.9671, 0.2765,
0.3398


 66.0823, 0.2871,
0.3367

 14.5692, 0.2706,
0.3414


 87.7093, 0.2894,
0.3360

 8.5176, 0.2626,
0.3437

 113.6045, 0.2913,
0.3355

 4.4279, 0.2507,
0.3469

144.1523, 0.2930,
0.3350

 1.9157, 0.2315,
0.3520

179.7372, 0.2944,
0.3346

 0.5578, 0.1075,
0.3919

220.7435, 0.2956,

 0.0000, 0.0000,

0.3342

0.0000

267.5557, 0.2966,
0.3339

■ 34.0956, 0.2809,
0.3385

■ 34.0956, 0.2809,
0.3385

■ 32.8797, 0.2699,
0.3428

■ 35.5241, 0.2929,
0.3345

■ 31.8618, 0.2602,
0.3474

■ 37.1707, 0.3057,
0.3308

■ 31.0320, 0.2521,
0.3521

■ 39.0459, 0.3190,
0.3275

■ 30.3777, 0.2456,
0.3570

■ 41.1583, 0.3326,
0.3245

■ 29.8851, 0.2411,
0.3620

■ 43.5159, 0.3461,
0.3218

■ 29.5379, 0.2384,
0.3670

■ 46.1267, 0.3596,
0.3194

■ 29.3158, 0.2375,
0.3720

■ 48.9978, 0.3728,
0.3174

■ 29.2314, 0.2373,
0.3743

■ 51.7893, 0.3839,
0.3155

■ 51.8866, 0.3816,
0.3130

Harmonies

Analogous

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



34.0956, 0.3015, 0.3590



34.0956, 0.2809, 0.3385



34.0956, 0.2689, 0.3160

Triad

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



34.0956, 0.2809, 0.3385



34.0956, 0.2985, 0.2909



34.0956, 0.3592, 0.3578

Complementary

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



34.0956, 0.2809, 0.3385



24.1405, 0.3573, 0.3198

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.



34.0956, 0.3586, 0.3392



34.0956, 0.2809, 0.3385



34.0956, 0.3228, 0.3015

Square

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



34.0956, 0.2809, 0.3385



34.0956, 0.2787, 0.2895



34.0956, 0.3451, 0.3188



34.0956, 0.3469, 0.3698

Rectangle

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



34.0956, 0.2809, 0.3385



34.0956, 0.2671, 0.3033



34.0956, 0.3451, 0.3188



34.0956, 0.3605, 0.3521

Sweetspot

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



34.0970, 0.2809, 0.3385



66.5636, 0.3020, 0.3318



33.4999, 0.3152, 0.3980



14.7958, 0.3001, 0.3324



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

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



34.0970, 0.2809, 0.3385



60.6712, 0.2750, 0.3407



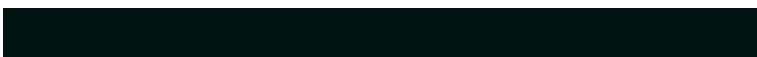
29.2725, 0.2743, 0.3052



8.5133, 0.3005, 0.3322



22.6722, 0.2372, 0.3739



0.5565, 0.2326, 0.3574

Inverse Universe

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



24.1405, 0.3573, 0.3198



39.6560, 0.3699, 0.3178



27.9455, 0.3594, 0.3517



7.5592, 0.3264, 0.3258



6.3416, 0.6176, 0.3176



0.1594, 0.5482, 0.2794

Previews

White Background



This preview shows how the Yxy color 34.0956, 0.2809, 0.3385 looks on a white background.

Color Contrast Check

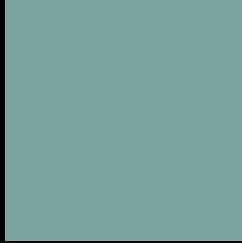
Large Text (above 18pt) WCAG AA × Fail

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 34.0956, 0.2809, 0.3385 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

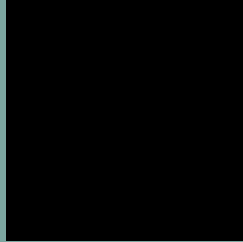
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.0956, 0.2809, 0.3385

Background



This preview shows how black text looks on a background with the Yxy color 34.0956, 0.2809, 0.3385.

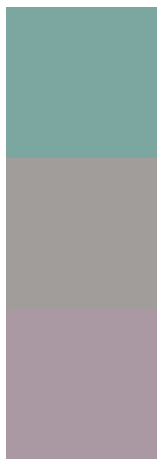


This preview shows how white text looks on a background with the Yxy color 34.0956, 0.2809, 0.3385.

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

34.0956, 0.2809, 0.3385

Protanopia

34.0576, 0.3185, 0.3320

Deuteranopia

33.9729, 0.3204, 0.3147



Tritanopia

33.9579, 0.2710, 0.3074

Trichromacy



Original Color

34.0956, 0.2809, 0.3385

Protanomaly

33.8718, 0.3040, 0.3335

Deuteranomaly

33.8347, 0.3044, 0.3230

Tritanomaly

34.0032, 0.2748, 0.3180

Monochromacy



Original Color

34.0956, 0.2809, 0.3385

Achromatopsia

31.8547, 0.3127, 0.3290

Achromatomaly

32.6048, 0.2993, 0.3321

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.0956, 0.2809, 0.3385 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(124, 166, 160)` looks like.

```
.text, #text, p{  
    color:rgb(124, 166, 160)  
}
```

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(124, 166, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 166, 160) }
```

Border

The CSS property to change the border of an element to Yxy 34.0956, 0.2809, 0.3385 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(124, 166, 160) }
```

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

```
.border{ border-color:rgb(124, 166, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 166, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 166, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 166, 160);  
box-shadow:4px 4px 4px 4px rgb(124, 166,  
160) }
```


Background

The CSS property to change the background color of an element to Yxy 34.0956, 0.2809, 0.3385 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 166, 160) }
```

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

```
.background{ background-color: rgb(124,  
166, 160) }
```

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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