

Converting Colors

$Yxy(35.2836, 0.2878, 0.3596)$

Have a look what the booklet for
Yxy(35.2836, 0.2878, 0.3596)
contains.

Yxy(35.2689, 0.2881, 0.3594)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(35.2689, 0.2881, 0.3594)

Conversions

Conversions Part 1

Format	Color
Hex	7CAA97
RGB	124, 170, 151
RGB Percent	49%, 67%, 59%
CMY	0.5137, 0.3333, 0.4079
CMYK	0.27, 0.00, 0.11, 0.33
HSL	155°, 21%, 58%
HSV	155°, 27%, 67%
XYZ	28.2720, 35.2689, 34.5918
YIQ	154.0800, -21.3170, -15.6610

Conversions

Conversions Part 2

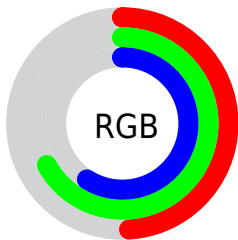
Format	Color
RYB	124, 153, 170
Decimal	8170135
CIELab	65.96, -19.50, 4.84
CIElCh	66, 20.089, 166.068
Yxy	35.2689, 0.2881, 0.3594
Android (android.graphics.Color)	4286360215 (0xFF7CAA97)
YUV	154.0800, -1.5184, -26.3802
Hunter-Lab	59.3876, -18.9517, 7.0364

Details

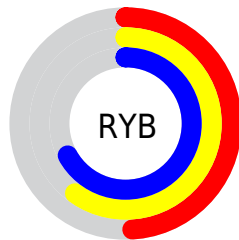
The Yxy color $35.2689, 0.2881, 0.3594$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $24.9453, 0.3464, 0.3006$, and the grayscale version is $32.3659, 0.3127, 0.3290$.

A 20% lighter version of the original color is $67.6053, 0.2928, 0.3530$, and $15.3328, 0.2807, 0.3709$ is the 20% darker color. If you saturate the color by 10%, you get $33.8895, 0.2801, 0.3727$, and if you desaturate by 10%, it is $36.8832, 0.2968, 0.3472$.

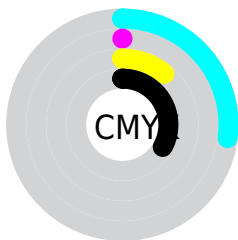
Distribution



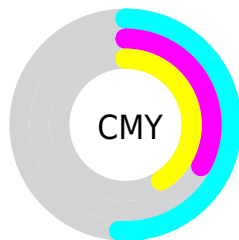
- Red (49%)
- Green (67%)
- Blue (59%)



- Red (49%)
- Yellow (60%)
- Blue (67%)



- Cyan (27%)
- Magenta (0%)
- Yellow (11%)
- Black (33%)





- Cyan (51%)
- Magenta (33%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.2689, 0.2881, 0.3594 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 35.2689, 0.2881, 0.3594 by changing the saturation by 10% instead.


 35.2689, 0.2881,
0.3594


 35.2689, 0.2881,
0.3594


325.7537, 0.3011,
0.3432

 23.8701, 0.2846,
0.3638


 67.9021, 0.2930,
0.3532

 15.2373, 0.2799,
0.3697


 89.9053, 0.2948,
0.3510

 8.9861, 0.2734,
0.3781


 116.2121, 0.2963,
0.3492

 4.7321, 0.2637,
0.3907

147.2069, 0.2976,
0.3476

 2.0910, 0.2477,
0.4119

183.2740, 0.2986,
0.3463

 0.6595, 0.1267,
0.5541

224.7979, 0.2996,

 0.0000, 0.0000,

0.3451

0.0000

272.1630, 0.3004,
0.3441

■ 35.2689, 0.2881,
0.3594

■ 35.2689, 0.2881,
0.3594

■ 33.8895, 0.2801,
0.3727

■ 36.8832, 0.2968,
0.3472

■ 32.7292, 0.2732,
0.3870

■ 38.7385, 0.3061,
0.3361

■ 31.7770, 0.2676,
0.4021

■ 40.8465, 0.3155,
0.3262

■ 31.0192, 0.2636,
0.4178

■ 43.2164, 0.3250,
0.3173

■ 30.4402, 0.2615,
0.4337

■ 45.8571, 0.3344,
0.3095

■ 30.0223, 0.2614,
0.4496

■ 48.7771, 0.3436,
0.3026

■ 29.7390, 0.2632,
0.4651

■ 51.9846, 0.3525,
0.2966

■ 29.6664, 0.2638,
0.4696

■ 54.5259, 0.3567,
0.2907

■ 54.8777, 0.3504,
0.2837

Harmonies

Analogous

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



35.2689, 0.3181, 0.3794



35.2689, 0.2881, 0.3594



35.2689, 0.2654, 0.3305

Triad

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



35.2689, 0.2881, 0.3594



35.2689, 0.2771, 0.2782



35.2689, 0.3739, 0.3503

Complementary

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



35.2689, 0.2881, 0.3594



24.9453, 0.3464, 0.3006

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.



35.2689, 0.3620, 0.3246



35.2689, 0.2881, 0.3594



35.2689, 0.3049, 0.2844

Square

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



35.2689, 0.2881, 0.3594



35.2689, 0.2593, 0.2844



35.2689, 0.3362, 0.3011



35.2689, 0.3684, 0.3721

Rectangle

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



35.2689, 0.2881, 0.3594



35.2689, 0.2570, 0.3114



35.2689, 0.3362, 0.3011



35.2689, 0.3718, 0.3418

Sweetspot

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



35.2704, 0.2881, 0.3594



69.8961, 0.3050, 0.3373



36.0611, 0.3267, 0.4011



15.4715, 0.3037, 0.3389



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.



35.2704, 0.2881, 0.3594



62.5571, 0.2836, 0.3666



34.5221, 0.2735, 0.3229



8.4788, 0.3040, 0.3385



21.8329, 0.2633, 0.4680



0.5410, 0.2491, 0.4166

Inverse Universe

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



24.9453, 0.3464, 0.3006



40.8968, 0.3556, 0.2945



25.3967, 0.3682, 0.3350



7.5918, 0.3224, 0.3197



6.6248, 0.5282, 0.2683



0.1714, 0.4445, 0.2222

Previews

White Background



This preview shows how the Yxy color 35.2689, 0.2881, 0.3594 looks on a white background.

Color Contrast Check

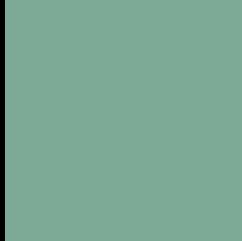
Large Text (above 18pt) WCAG AA × Fail

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 35.2689, 0.2881, 0.3594 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

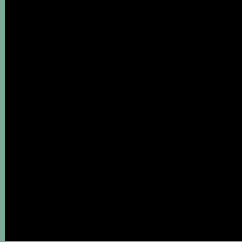
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.2689, 0.2881, 0.3594

Background



This preview shows how black text looks on a background with the Yxy color 35.2689, 0.2881, 0.3594.

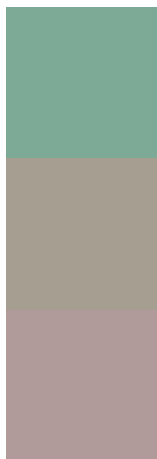


This preview shows how white text looks on a background with the Yxy color 35.2689, 0.2881, 0.3594.

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

35.2689, 0.2881, 0.3594

Protanopia

34.9476, 0.3325, 0.3496

Deuteranopia

34.7914, 0.3360, 0.3291



Tritanopia

35.2729, 0.2716, 0.3092

Trichromacy



Original Color

35.2689, 0.2881, 0.3594

Protanomaly

34.8803, 0.3154, 0.3534

Deuteranomaly

34.7106, 0.3170, 0.3394

Tritanomaly

35.0912, 0.2774, 0.3258

Monochromacy



Original Color

35.2689, 0.2881, 0.3594

Achromatopsia

32.3143, 0.3127, 0.3290

Achromatomaly

33.2812, 0.3028, 0.3399

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.2689, 0.2881, 0.3594 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, 170, 151)` looks like.

```
.text, #text, p{  
    color:rgb(124, 170, 151)  
}
```

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, 170, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 170, 151) }
```

Border

The CSS property to change the border of an element to Yxy 35.2689, 0.2881, 0.3594 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, 170, 151) }
```

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

```
.border{ border-color:rgb(124, 170, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 170, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 170, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 170, 151);  
box-shadow:4px 4px 4px 4px rgb(124, 170,  
151) }
```


Background

The CSS property to change the background color of an element to Yxy 35.2689, 0.2881, 0.3594 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 170, 151) }
```

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

```
.background{ background-color: rgb(124,  
170, 151) }
```

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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