

Converting Colors

$Yxy(34.1865, 0.2803, 0.3699)$

Have a look what the booklet for
Yxy(34.1865, 0.2803, 0.3699)
contains.

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Color

Yxy(34.0760, 0.2801, 0.3690)

Conversions

Conversions Part 1

Format	Color
Hex	6DAA92
RGB	109, 170, 146
RGB Percent	43%, 67%, 57%
CMY	0.5727, 0.3333, 0.4275
CMYK	0.36, 0.00, 0.14, 0.33
HSL	156°, 26%, 55%
HSV	156°, 36%, 67%
XYZ	25.8664, 34.0760, 32.4045
YIQ	149.0250, -28.6520, -20.3960

Conversions

Conversions Part 2

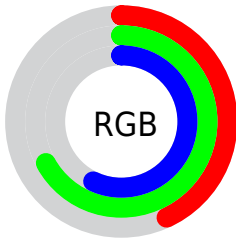
Format	Color
RYB	109, 147, 170
Decimal	7187090
CIELab	65.02, -25.22, 6.16
CIELCh	65, 25.961, 166.263
Yxy	34.0760, 0.2801, 0.3690
Android (android.graphics.Color)	4285377170 (0xFF6DAA92)
YUV	149.0250, -1.4913, -35.1019
Hunter-Lab	58.3747, -23.0606, 7.9496

Details

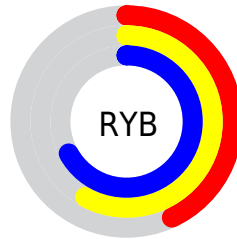
The Yxy color **34.0760, 0.2801, 0.3690** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **21.1713, 0.3633, 0.2927**, and the grayscale version is **30.0792, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.3494, 0.2869, 0.3611**, and **14.4666, 0.2689, 0.3807** is the 20% darker color. If you saturate the color by 10%, you get **32.8997, 0.2728, 0.3824**, and if you desaturate by 10%, it is **35.4758, 0.2884, 0.3565**.

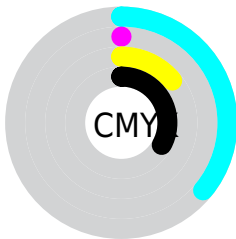
Distribution



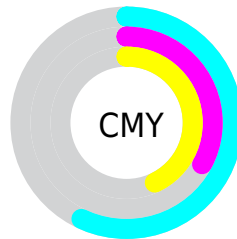
- Red (43%)
- Green (67%)
- Blue (57%)



- Red (43%)
- Yellow (58%)
- Blue (67%)



- Cyan (36%)
- Magenta (0%)
- Yellow (14%)
- Black (33%)





- Cyan (57%)
- Magenta (33%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.0760, 0.2801, 0.3690 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 34.0760, 0.2801, 0.3690 by changing the saturation by 10% instead.


 34.0760, 0.2801,
0.3690

 34.0760, 0.2801,
0.3690


320.4708, 0.2975,
0.3474

 22.9520, 0.2754,
0.3750


 66.0518, 0.2867,
0.3608


 14.5581, 0.2690,
0.3830


 87.6725, 0.2891,
0.3578

 8.5098, 0.2602,
0.3945


 113.5607, 0.2911,
0.3553

 4.4229, 0.2468,
0.4120

 144.1011, 0.2928,
0.3533

 1.9128, 0.2245,
0.4421

179.6778, 0.2942,
0.3515

 0.5561, 0.0000,
0.7612

220.6755, 0.2954,

 0.0000, 0.0000,

0.3500

0.0000

267.4783, 0.2965,
0.3486

■ 34.0760, 0.2801,
0.3690

■ 34.0760, 0.2801,
0.3690

■ 32.8997, 0.2728,
0.3824

■ 35.4758, 0.2884,
0.3565

■ 31.9303, 0.2669,
0.3967

■ 37.1063, 0.2975,
0.3450

■ 31.1559, 0.2626,
0.4115


■ 38.9792, 0.3070,
0.3346


■ 30.5612, 0.2601,
0.4266

■ 41.1045, 0.3167,
0.3253

■ 30.1287, 0.2596,
0.4417

■ 43.4915, 0.3265,
0.3170

 29.8355, 0.2610,
0.4566

 46.1490, 0.3362,
0.3096

 29.7345, 0.2618,
0.4626

 49.0854, 0.3457,
0.3031

 52.3087, 0.3548,
0.2975

 54.4787, 0.3576,
0.2917

Harmonies

Analogous

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



34.0760, 0.3188, 0.3959



34.0760, 0.2801, 0.3690



34.0760, 0.2513, 0.3301

Triad

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



34.0760, 0.2801, 0.3690



34.0760, 0.2666, 0.2637



34.0760, 0.3930, 0.3557

Complementary

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



34.0760, 0.2801, 0.3690



21.1713, 0.3633, 0.2927

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.



34.0760, 0.3775, 0.3230



34.0760, 0.2801, 0.3690



34.0760, 0.3024, 0.2720

Square

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



34.0760, 0.2801, 0.3690



34.0760, 0.2440, 0.2708



34.0760, 0.3435, 0.2932



34.0760, 0.3851, 0.3845

Rectangle

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



34.0760, 0.2801, 0.3690



34.0760, 0.2408, 0.3050



34.0760, 0.3435, 0.2932



34.0760, 0.3903, 0.3449

Sweetspot

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



34.0774, 0.2801, 0.3690



68.8596, 0.3019, 0.3400



34.8745, 0.3296, 0.4278



15.2580, 0.3007, 0.3414



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.



34.0774, 0.2801, 0.3690



60.1071, 0.2743, 0.3795



32.6691, 0.2619, 0.3190



8.4813, 0.3037, 0.3380



21.8816, 0.2614, 0.4610



0.5420, 0.2478, 0.4121

Inverse Universe

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



21.1713, 0.3633, 0.2927



33.2241, 0.3795, 0.2847



21.9292, 0.3934, 0.3386



7.5894, 0.3227, 0.3201



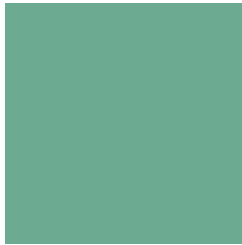
6.5941, 0.5362, 0.2728



0.1705, 0.4502, 0.2254

Previews

White Background



This preview shows how the Yxy color 34.0760, 0.2801, 0.3690 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 34.0760, 0.2801, 0.3690 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 34.0760, 0.2801, 0.3690

Background



This preview shows how black text looks on a background with the Yxy color 34.0760, 0.2801, 0.3690.



This preview shows how white text looks on a background with the Yxy color 34.0760, 0.2801, 0.3690.

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

34.0760, 0.2801, 0.3690

Protanopia

33.8705, 0.3365, 0.3559

Deuteranopia

33.7724, 0.3382, 0.3319



Tritanopia

33.8779, 0.2610, 0.3070

Trichromacy



Original Color

34.0760, 0.2801, 0.3690

Protanomaly

33.7229, 0.3131, 0.3604

Deuteranomaly

33.5455, 0.3139, 0.3443

Tritanomaly

33.9382, 0.2675, 0.3289

Monochromacy



Original Color

34.0760, 0.2801, 0.3690

Achromatopsia

30.0544, 0.3127, 0.3290

Achromatomaly

31.3204, 0.2987, 0.3435

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.0760, 0.2801, 0.3690 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(109, 170, 146)` looks like.

```
.text, #text, p{  
    color:rgb(109, 170, 146)  
}
```

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(109, 170, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 170, 146) }
```

Border

The CSS property to change the border of an element to Yxy 34.0760, 0.2801, 0.3690 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(109, 170, 146) }
```

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

```
.border{ border-color:rgb(109, 170, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 170, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 170, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 170, 146);  
box-shadow:4px 4px 4px 4px rgb(109, 170,  
146) }
```


Background

The CSS property to change the background color of an element to Yxy 34.0760, 0.2801, 0.3690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 170, 146) }
```

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

```
.background{ background-color: rgb(109,  
170, 146) }
```

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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