

Converting Colors

$Yxy(34.0597, 0.2827, 0.3820)$

Have a look what the booklet for
Yxy(34.0597, 0.2827, 0.3820)
contains.

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Color

Yxy(34.0834, 0.2824, 0.3813)

Conversions

Conversions Part 1

Format	Color
Hex	6AAB8C
RGB	106, 171, 140
RGB Percent	42%, 67%, 55%
CMY	0.5842, 0.3294, 0.4510
CMYK	0.38, 0.00, 0.18, 0.33
HSL	151°, 28%, 54%
HSV	151°, 38%, 67%
XYZ	25.2430, 34.0834, 30.0610
YIQ	148.0310, -28.7890, -23.4210

Conversions

Conversions Part 2

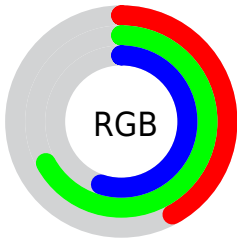
Format	Color
RYB	106, 149, 171
Decimal	6990732
CIELab	65.03, -27.87, 9.47
CIELCh	65, 29.435, 161.223
Yxy	34.0834, 0.2824, 0.3813
Android (android.graphics.Color)	4285180812 (0xFF6AAB8C)
YUV	148.0310, -3.9593, -36.8612
Hunter-Lab	58.3810, -24.9862, 10.3377

Details

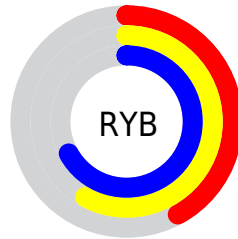
The Yxy color **34.0834, 0.2824, 0.3813** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **20.7784, 0.3599, 0.2826**, and the grayscale version is **29.6570, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.3068, 0.2887, 0.3702**, and **14.4793, 0.2714, 0.3992** is the 20% darker color. If you saturate the color by 10%, you get **32.9074, 0.2762, 0.3981**, and if you desaturate by 10%, it is **35.4890, 0.2896, 0.3657**.

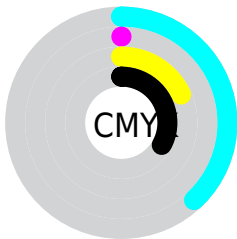
Distribution



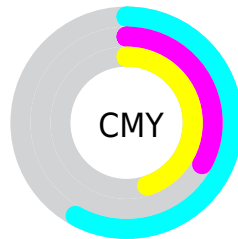
- Red (42%)
- Green (67%)
- Blue (55%)



- Red (42%)
- Yellow (58%)
- Blue (67%)



- Cyan (38%)
- Magenta (0%)
- Yellow (18%)
- Black (33%)





- Cyan (58%)
- Magenta (33%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 34.0834, 0.2824, 0.3813 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 34.0834, 0.2824, 0.3813 by changing the saturation by 10% instead.


 34.0834, 0.2824,
0.3813


 34.0834, 0.2824,
0.3813

320.5038, 0.2988,
0.3529

 22.9577, 0.2779,
0.3893


 66.0633, 0.2887,
0.3704


 14.5623, 0.2717,
0.4001


 87.6863, 0.2909,
0.3664

 8.5128, 0.2630,
0.4155


 113.5772, 0.2928,
0.3632

 4.4248, 0.2497,
0.4395

 144.1204, 0.2944,
0.3605

 1.9139, 0.2269,
0.4812

179.7003, 0.2957,
0.3582

 0.5567, 0.0000,
1.0000

220.7012, 0.2969,

 0.0000, 0.0000,

0.3562

0.0000

267.5075, 0.2979,
0.3544

■ 34.0834, 0.2824,
0.3813

■ 34.0834, 0.2824,
0.3813

■ 32.9074, 0.2762,
0.3981

■ 35.4890, 0.2896,
0.3657

■ 31.9438, 0.2713,
0.4158

■ 37.1317, 0.2975,
0.3514

■ 31.1800, 0.2680,
0.4342


■ 39.0240, 0.3059,
0.3384

■ 30.5998, 0.2666,
0.4527


■ 41.1761, 0.3144,
0.3268

■ 30.1847, 0.2672,
0.4710

■ 43.5978, 0.3230,
0.3164


 29.9038, 0.2695,
0.4885

 46.2982, 0.3314,
0.3073

 29.8537, 0.2700,
0.4920

 49.2860, 0.3397,
0.2993

 52.5697, 0.3476,
0.2923

 55.2107, 0.3509,
0.2855

Harmonies

Analogous

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



34.0834, 0.3269, 0.4082



34.0834, 0.2824, 0.3813



34.0834, 0.2477, 0.3376

Triad

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



34.0834, 0.2824, 0.3813



34.0834, 0.2552, 0.2557



34.0834, 0.4027, 0.3523

Complementary

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



34.0834, 0.2824, 0.3813



20.7784, 0.3599, 0.2826

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.



34.0834, 0.3809, 0.3158



34.0834, 0.2824, 0.3813



34.0834, 0.2933, 0.2624

Square

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



34.0834, 0.2824, 0.3813



34.0834, 0.2331, 0.2664



34.0834, 0.3397, 0.2839



34.0834, 0.3979, 0.3863

Rectangle

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



34.0834, 0.2824, 0.3813



34.0834, 0.2340, 0.3081



34.0834, 0.3397, 0.2839



34.0834, 0.3982, 0.3400

Sweetspot

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



34.0848, 0.2824, 0.3813



68.7571, 0.3032, 0.3424



35.5213, 0.3355, 0.4325



15.2327, 0.3021, 0.3441



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.



34.0848, 0.2824, 0.3813



59.1653, 0.2769, 0.3961



34.7240, 0.2605, 0.3271



9.0067, 0.3048, 0.3400



22.5165, 0.2695, 0.4903



0.6374, 0.2546, 0.4364

Inverse Universe

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



20.7784, 0.3599, 0.2826



31.7357, 0.3760, 0.2719



20.2376, 0.4034, 0.3309



8.0766, 0.3215, 0.3182



6.9917, 0.5022, 0.2540



0.2056, 0.4336, 0.2162

Previews

White Background



This preview shows how the Yxy color 34.0834, 0.2824, 0.3813 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 34.0834, 0.2824, 0.3813 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

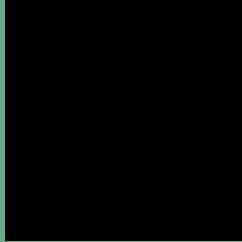
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.0834, 0.2824, 0.3813

Background



This preview shows how black text looks on a background with the Yxy color 34.0834, 0.2824, 0.3813.



This preview shows how white text looks on a background with the Yxy color 34.0834, 0.2824, 0.3813.

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

34.0834, 0.2824, 0.3813

Protanopia

33.8067, 0.3433, 0.3649

Deuteranopia

33.8172, 0.3463, 0.3405



Tritanopia

34.1719, 0.2605, 0.3086

Trichromacy



Original Color

34.0834, 0.2824, 0.3813

Protanomaly

33.5475, 0.3184, 0.3700

Deuteranomaly

33.3588, 0.3193, 0.3537

Tritanomaly

34.1666, 0.2684, 0.3337

Monochromacy



Original Color

34.0834, 0.2824, 0.3813

Achromatopsia

29.6138, 0.3127, 0.3290

Achromatomaly

30.8078, 0.3003, 0.3469

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.0834, 0.2824, 0.3813 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(106, 171, 140)` looks like.

```
.text, #text, p{  
    color:rgb(106, 171, 140)  
}
```

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(106, 171, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 171, 140) }
```

Border

The CSS property to change the border of an element to Yxy 34.0834, 0.2824, 0.3813 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(106, 171, 140) }
```

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

```
.border{ border-color:rgb(106, 171, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 171, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 171, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 171, 140);  
box-shadow:4px 4px 4px 4px rgb(106, 171,  
140) }
```


Background

The CSS property to change the background color of an element to Yxy 34.0834, 0.2824, 0.3813 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 171, 140) }
```

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

```
.background{ background-color: rgb(106,  
171, 140) }
```

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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