

Converting Colors

$Yxy(34.7314, 0.2926, 0.3571)$

Have a look what the booklet for
Yxy(34.7314, 0.2926, 0.3571)
contains.

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Color

Yxy(34.8744, 0.2929, 0.3576)

Conversions

Conversions Part 1

Format	Color
Hex	81A896
RGB	129, 168, 150
RGB Percent	51%, 66%, 59%
CMY	0.4940, 0.3412, 0.4117
CMYK	0.23, 0.00, 0.11, 0.34
HSL	152°, 18%, 58%
HSV	152°, 23%, 66%
XYZ	28.5646, 34.8744, 34.0845
YIQ	154.2870, -17.4660, -13.8660

Conversions

Conversions Part 2

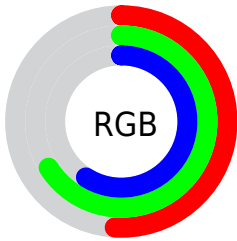
Format	Color
RYB	129, 154, 168
Decimal	8497302
CIELab	65.65, -17.03, 4.98
CIELCh	66, 17.742, 163.703
Yxy	34.8744, 0.2929, 0.3576
Android (android.graphics.Color)	4286687382 (0xFF81A896)
YUV	154.2870, -2.1135, -22.1767
Hunter-Lab	59.0546, -17.0052, 7.1178

Details

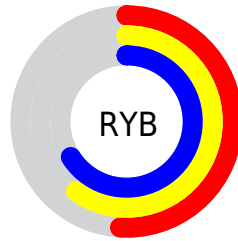
The Yxy color **34.8744, 0.2929, 0.3576** is a light color, and the websafe version is hex **669999**. A complement of this color would be **26.1395, 0.3383, 0.3021**, and the grayscale version is **32.4659, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.0801, 0.2966, 0.3517**, and **15.0539, 0.2868, 0.3684** is the 20% darker color. If you saturate the color by 10%, you get **33.4246, 0.2851, 0.3721**, and if you desaturate by 10%, it is **36.5599, 0.3012, 0.3444**.

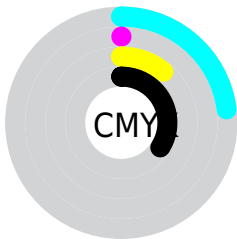
Distribution



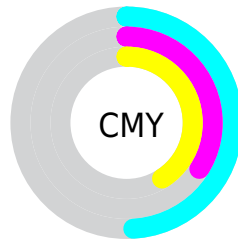
- Red (51%)
- Green (66%)
- Blue (59%)



- Red (51%)
- Yellow (60%)
- Blue (66%)



- Cyan (23%)
- Magenta (0%)
- Yellow (11%)
- Black (34%)



- Cyan (49%)
- Magenta (34%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.8744, 0.2929, 0.3576 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 34.8744, 0.2929, 0.3576 by changing the saturation by 10% instead.


 34.8744, 0.2929,
0.3576


 34.8744, 0.2929,
0.3576


324.0136, 0.3034,
0.3423


 23.5661, 0.2901,
0.3618


 67.2911, 0.2969,
0.3518

 15.0121, 0.2863,
0.3674


 89.1684, 0.2983,
0.3497

 8.8279, 0.2809,
0.3753


 115.3375, 0.2995,
0.3480

 4.6291, 0.2729,
0.3872

146.1828, 0.3006,
0.3465

 2.0313, 0.2596,
0.4074

182.0886, 0.3014,
0.3452

 0.6256, 0.1573,
0.5499

223.4394, 0.3022,

 0.0000, 0.0000,

0.3441

0.0000

270.6196, 0.3028,
0.3432

■ 34.8744, 0.2929,
0.3576

■ 34.8744, 0.2929,
0.3576

■ 33.4246, 0.2851,
0.3721

■ 36.5599, 0.3012,
0.3444

■ 32.1954, 0.2782,
0.3877

■ 38.4870, 0.3099,
0.3325

■ 31.1763, 0.2725,
0.4044

■ 40.6665, 0.3187,
0.3219

■ 30.3546, 0.2683,
0.4219

■ 43.1076, 0.3274,
0.3125

■ 29.7158, 0.2659,
0.4397

■ 45.8188, 0.3360,
0.3042

■ 29.2434, 0.2654,
0.4575

■ 48.8083, 0.3443,
0.2969

■ 28.9179, 0.2668,
0.4749

■ 52.0838, 0.3523,
0.2905

■ 28.7502, 0.2685,
0.4864

■ 54.0196, 0.3527,
0.2838

■ 54.4205, 0.3458,
0.2762

Harmonies

Analogous

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



34.8744, 0.3198, 0.3742



34.8744, 0.2929, 0.3576



34.8744, 0.2719, 0.3326

Triad

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



34.8744, 0.2929, 0.3576



34.8744, 0.2794, 0.2837



34.8744, 0.3666, 0.3464

Complementary

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



34.8744, 0.2929, 0.3576



26.1395, 0.3383, 0.3021

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.



34.8744, 0.3549, 0.3235



34.8744, 0.2929, 0.3576



34.8744, 0.3037, 0.2884

Square

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



34.8744, 0.2929, 0.3576



34.8744, 0.2644, 0.2903



34.8744, 0.3315, 0.3027



34.8744, 0.3630, 0.3662

Rectangle

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



34.8744, 0.2929, 0.3576



34.8744, 0.2637, 0.3155



34.8744, 0.3315, 0.3027



34.8744, 0.3643, 0.3389

Sweetspot

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



34.8758, 0.2929, 0.3576



68.4142, 0.3065, 0.3371



35.8127, 0.3266, 0.3894



14.8685, 0.3060, 0.3377



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.



34.8758, 0.2929, 0.3576



61.8381, 0.2887, 0.3651



35.0233, 0.2790, 0.3269



8.4728, 0.3046, 0.3396



21.7223, 0.2680, 0.4848



0.5387, 0.2521, 0.4276

Inverse Universe

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



26.1395, 0.3383, 0.3021



43.0801, 0.3459, 0.2956



25.9627, 0.3589, 0.3311



7.5978, 0.3216, 0.3186



6.7071, 0.5083, 0.2574



0.1736, 0.4314, 0.2150

Previews

White Background



This preview shows how the Yxy color 34.8744, 0.2929, 0.3576 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 34.8744, 0.2929, 0.3576 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

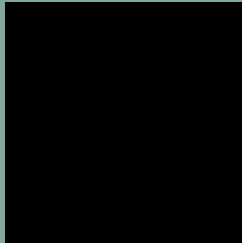
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.8744, 0.2929, 0.3576

Background



This preview shows how black text looks on a background with the Yxy color 34.8744, 0.2929, 0.3576.



This preview shows how white text looks on a background with the Yxy color 34.8744, 0.2929, 0.3576.

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

34.8744, 0.2929, 0.3576

Protanopia

34.4974, 0.3316, 0.3482

Deuteranopia

34.7582, 0.3369, 0.3305



Tritanopia

34.7936, 0.2759, 0.3092

Trichromacy



Original Color

34.8744, 0.2929, 0.3576

Protanomaly

34.6226, 0.3164, 0.3518

Deuteranomaly

34.5369, 0.3200, 0.3394

Tritanomaly

34.6058, 0.2819, 0.3258

Monochromacy



Original Color

34.8744, 0.2929, 0.3576

Achromatopsia

32.3143, 0.3127, 0.3290

Achromatomaly

33.1159, 0.3047, 0.3383

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.8744, 0.2929, 0.3576 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(129, 168, 150)` looks like.

```
.text, #text, p{  
    color:rgb(129, 168, 150)  
}
```

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(129, 168, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 168, 150) }
```

Border

The CSS property to change the border of an element to Yxy 34.8744, 0.2929, 0.3576 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(129, 168, 150) }
```

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

```
.border{ border-color:rgb(129, 168, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 168, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 168, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 168, 150);  
box-shadow:4px 4px 4px 4px rgb(129, 168,  
150) }
```


Background

The CSS property to change the background color of an element to Yxy 34.8744, 0.2929, 0.3576 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 168, 150) }
```

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

```
.background{ background-color: rgb(129,  
168, 150) }
```

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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