

Converting Colors

$Yxy(34.0472, 0.2990, 0.3794)$

Have a look what the booklet for
Yxy(34.0472, 0.2990, 0.3794)
contains.

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Color

Yxy(34.0965, 0.2989, 0.3799)

Conversions

Conversions Part 1

Format	Color
Hex	7CA889
RGB	124, 168, 137
RGB Percent	49%, 66%, 54%
CMY	0.5138, 0.3411, 0.4628
CMYK	0.26, 0.00, 0.18, 0.34
HSL	138°, 20%, 57%
HSV	138°, 26%, 66%
XYZ	26.8266, 34.0965, 28.8281
YIQ	151.3100, -16.2730, -18.9690

Conversions

Conversions Part 2

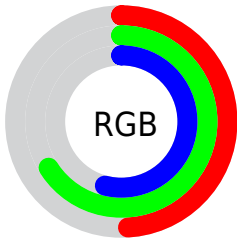
Format	Color
RYB	124, 158, 168
Decimal	8169609
CIELab	65.04, -21.33, 11.30
CIELCh	65, 24.135, 152.088
Yxy	34.0965, 0.2989, 0.3799
Android (android.graphics.Color)	4286359689 (0xFF7CA889)
YUV	151.3100, -7.0548, -23.9509
Hunter-Lab	58.3922, -20.1796, 11.6032

Details

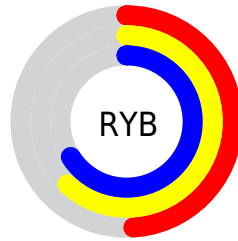
The Yxy color **34.0965, 0.2989, 0.3799** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **25.1021, 0.3301, 0.2830**, and the grayscale version is **31.1214, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.8402, 0.3019, 0.3694**, and **14.6347, 0.2940, 0.3988** is the 20% darker color. If you saturate the color by 10%, you get **32.6300, 0.2941, 0.4032**, and if you desaturate by 10%, it is **35.8164, 0.3041, 0.3587**.

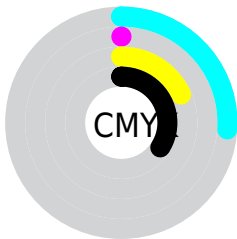
Distribution



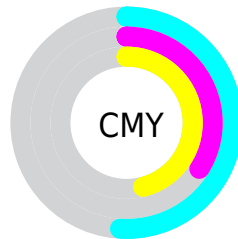
- Red (49%)
- Green (66%)
- Blue (54%)



- Red (49%)
- Yellow (62%)
- Blue (66%)



- Cyan (26%)
- Magenta (0%)
- Yellow (18%)
- Black (34%)





- Cyan (51%)
- Magenta (34%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 34.0965, 0.2989, 0.3799 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 34.0965, 0.2989, 0.3799 by changing the saturation by 10% instead.


 34.0965, 0.2989,
0.3799


 34.0965, 0.2989,
0.3799


320.5621, 0.3066,
0.3523

 22.9677, 0.2967,
0.3876


 66.0837, 0.3019,
0.3693

 14.5697, 0.2936,
0.3981


 87.7109, 0.3030,
0.3655

 8.5179, 0.2891,
0.4131


 113.6065, 0.3038,
0.3623

 4.4281, 0.2820,
0.4362

144.1547, 0.3046,
0.3597

 1.9158, 0.2689,
0.4764

179.7399, 0.3052,
0.3574

 0.5579, 0.0169,
0.9831

220.7467, 0.3057,

 0.0000, 0.0000,

0.3555

0.0000

267.5593, 0.3062,
0.3538

■ 34.0965, 0.2989,
0.3799

■ 34.0965, 0.2989,
0.3799

■ 32.6300, 0.2941,
0.4032

■ 35.8164, 0.3041,
0.3587

■ 31.4006, 0.2899,
0.4283

■ 37.7966, 0.3094,
0.3397

■ 30.3967, 0.2867,
0.4547

■ 40.0490, 0.3147,
0.3229

■ 29.6040, 0.2847,
0.4814

■ 42.5835, 0.3199,
0.3081

■ 29.0065, 0.2842,
0.5074

■ 45.4095, 0.3249,
0.2951

■ 28.5859, 0.2853,
0.5315

■ 48.5361, 0.3297,
0.2839

■ 28.3174, 0.2878,
0.5524

■ 51.9718, 0.3342,
0.2740

■ 28.2360, 0.2888,
0.5595

■ 55.0772, 0.3356,
0.2649

■ 55.7716, 0.3258,
0.2541

Harmonies

Analogous

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



34.0965, 0.3362, 0.3957



34.0965, 0.2989, 0.3799



34.0965, 0.2666, 0.3477

Triad

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



34.0965, 0.2989, 0.3799



34.0965, 0.2579, 0.2693



34.0965, 0.3830, 0.3398

Complementary

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



34.0965, 0.2989, 0.3799



25.1021, 0.3301, 0.2830

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.



34.0965, 0.3596, 0.3096



34.0965, 0.2989, 0.3799



34.0965, 0.2863, 0.2703

Square

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



34.0965, 0.2989, 0.3799



34.0965, 0.2441, 0.2834



34.0965, 0.3235, 0.2849



34.0965, 0.3861, 0.3693

Rectangle

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



34.0965, 0.2989, 0.3799



34.0965, 0.2519, 0.3232



34.0965, 0.3235, 0.2849



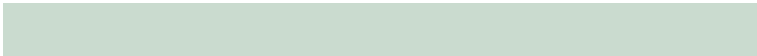
34.0965, 0.3772, 0.3295

Sweetspot

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



34.0979, 0.2989, 0.3799



67.8443, 0.3084, 0.3432



36.4850, 0.3391, 0.3957



14.6692, 0.3076, 0.3459



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.



34.0979, 0.2989, 0.3799



60.3850, 0.2963, 0.3921



34.7770, 0.2822, 0.3441



8.4429, 0.3078, 0.3453



21.3280, 0.2883, 0.5577



0.5278, 0.2694, 0.4897

Inverse Universe

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



25.1021, 0.3301, 0.2830



41.4756, 0.3345, 0.2734



24.4433, 0.3555, 0.3146



7.6283, 0.3181, 0.3132



7.2903, 0.4110, 0.2038



0.1857, 0.3752, 0.1840

Previews

White Background



This preview shows how the Yxy color 34.0965, 0.2989, 0.3799 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 34.0965, 0.2989, 0.3799 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 34.0965, 0.2989, 0.3799

Background



This preview shows how black text looks on a background with the Yxy color 34.0965, 0.2989, 0.3799.



This preview shows how white text looks on a background with the Yxy color 34.0965, 0.2989, 0.3799.

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

34.0965, 0.2989, 0.3799

Protanopia

33.8596, 0.3463, 0.3678

Deuteranopia

33.9336, 0.3525, 0.3462



Tritanopia

34.1543, 0.2741, 0.3090

Trichromacy



Original Color

34.0965, 0.2989, 0.3799

Protanomaly

33.7625, 0.3281, 0.3725

Deuteranomaly

33.6887, 0.3312, 0.3578

Tritanomaly

34.1081, 0.2825, 0.3336

Monochromacy



Original Color

34.0965, 0.2989, 0.3799

Achromatopsia

30.9469, 0.3127, 0.3290

Achromatomaly

31.8520, 0.3071, 0.3465

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.0965, 0.2989, 0.3799 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, 168, 137)` looks like.

```
.text, #text, p{  
    color:rgb(124, 168, 137)  
}
```

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, 168, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 168, 137) }
```

Border

The CSS property to change the border of an element to Yxy 34.0965, 0.2989, 0.3799 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, 168, 137) }
```

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

```
.border{ border-color:rgb(124, 168, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 168, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 168, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 168, 137);  
box-shadow:4px 4px 4px 4px rgb(124, 168,  
137) }
```


Background

The CSS property to change the background color of an element to Yxy 34.0965, 0.2989, 0.3799 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 168, 137) }
```

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

```
.background{ background-color: rgb(124,  
168, 137) }
```

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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