

Converting Colors

$Yxy(34.0844, 0.3101, 0.3511)$

Have a look what the booklet for
Yxy(34.0844, 0.3101, 0.3511)
contains.

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Color

Yxy(34.0898, 0.3098, 0.3506)

Conversions

Conversions Part 1

Format	Color
Hex	92A294
RGB	146, 162, 148
RGB Percent	57%, 64%, 58%
CMY	0.4274, 0.3647, 0.4195
CMYK	0.10, 0.00, 0.09, 0.36
HSL	128°, 8%, 60%
HSV	128°, 10%, 64%
XYZ	30.1227, 34.0898, 33.0202
YIQ	155.6200, -5.0420, -7.7460

Conversions

Conversions Part 2

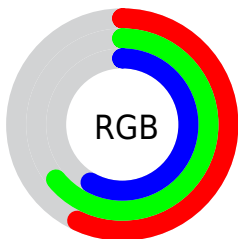
Format	Color
RYB	146, 160, 162
Decimal	9609876
CIELab	65.03, -8.39, 5.34
CIELCh	65, 9.945, 147.502
Yxy	34.0898, 0.3098, 0.3506
Android (android.graphics.Color)	4287799956 (0xFF92A294)
YUV	155.6200, -3.7567, -8.4367
Hunter-Lab	58.3865, -10.0847, 7.3393

Details

The Yxy color **34.0898, 0.3098, 0.3506** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.7799, 0.3158, 0.3083**, and the grayscale version is **33.0885, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.1693, 0.3105, 0.3465**, and **14.4478, 0.3087, 0.3581** is the 20% darker color. If you saturate the color by 10%, you get **32.2888, 0.3068, 0.3753**, and if you desaturate by 10%, it is **36.1589, 0.3128, 0.3287**.

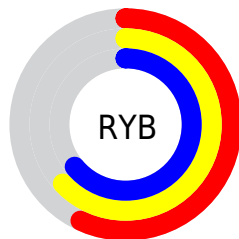
Distribution



Red (57%)

Green (64%)

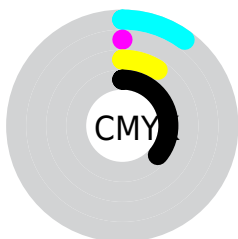
Blue (58%)



Red (57%)

Yellow (63%)

Blue (64%)

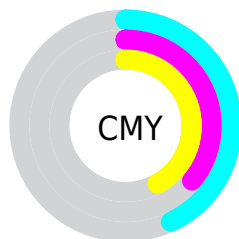


Cyan (10%)

Magenta (0%)

Yellow (9%)

Black (36%)



Cyan (43%)

Magenta (36%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.0898, 0.3098, 0.3506 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 34.0898, 0.3098, 0.3506 by changing the saturation by 10% instead.


 34.0898, 0.3098,
0.3506


 34.0898, 0.3098,
0.3506


320.5323, 0.3114,
0.3391

 22.9626, 0.3093,
0.3537


 66.0733, 0.3104,
0.3462

 14.5659, 0.3087,
0.3580


 87.6984, 0.3107,
0.3446

 8.5153, 0.3078,
0.3639

113.5915, 0.3108,
0.3433

 4.4264, 0.3063,
0.3729

144.1371, 0.3110,
0.3422

 1.9148, 0.3037,
0.3881

179.7196, 0.3111,
0.3413

 0.5573, 0.2913,
0.4996

220.7234, 0.3112,

 0.0000, 0.0000,

0.3404

0.0000

267.5328, 0.3113,
0.3397

■ 34.0898, 0.3098,
0.3506

■ 34.0898, 0.3098,
0.3506

■ 32.2888, 0.3068,
0.3753

■ 36.1589, 0.3128,
0.3287

■ 30.7408, 0.3038,
0.4028

■ 38.5020, 0.3156,
0.3096

■ 29.4357, 0.3009,
0.4327

■ 41.1301, 0.3182,
0.2930

■ 28.3612, 0.2985,
0.4642

■ 44.0523, 0.3207,
0.2786

■ 27.5037, 0.2966,
0.4959

■ 47.2774, 0.3229,
0.2662

■ 26.8484, 0.2955,
0.5261

■ 50.8138, 0.3250,
0.2554

■ 26.3784, 0.2953,
0.5529

■ 53.8234, 0.3233,
0.2452

■ 26.0741, 0.2960,
0.5742

■ 54.3202, 0.3170,
0.2384

■ 25.8943, 0.2970,
0.5892

Harmonies

Analogous

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



34.0898, 0.3252, 0.3560



34.0898, 0.3098, 0.3506



34.0898, 0.2954, 0.3389

Triad

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



34.0898, 0.3098, 0.3506



34.0898, 0.2883, 0.3044



34.0898, 0.3404, 0.3323

Complementary

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



34.0898, 0.3098, 0.3506



30.7799, 0.3158, 0.3083

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.



34.0898, 0.3300, 0.3192



34.0898, 0.3098, 0.3506



34.0898, 0.2998, 0.3033

Square

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



34.0898, 0.3098, 0.3506



34.0898, 0.2832, 0.3121



34.0898, 0.3151, 0.3087



34.0898, 0.3431, 0.3449

Rectangle

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



34.0898, 0.3098, 0.3506



34.0898, 0.2883, 0.3294



34.0898, 0.3151, 0.3087



34.0898, 0.3377, 0.3278

Sweetspot

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



34.0913, 0.3098, 0.3506



64.3952, 0.3118, 0.3354



35.4033, 0.3252, 0.3528



14.3954, 0.3116, 0.3371



82.7571, 0.3127, 0.3290



14.7319, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



34.0913, 0.3098, 0.3506



61.0768, 0.3091, 0.3562



34.3482, 0.3031, 0.3383



7.9089, 0.3100, 0.3492



20.4027, 0.2968, 0.5884



0.4327, 0.2845, 0.5442

Inverse Universe

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



30.7799, 0.3158, 0.3083



53.7453, 0.3166, 0.3033



30.5141, 0.3235, 0.3198



7.1867, 0.3156, 0.3096



7.5844, 0.3548, 0.1728



0.1634, 0.3410, 0.1652

Previews

White Background



This preview shows how the Yxy color 34.0898, 0.3098, 0.3506 looks on a white background.

Color Contrast Check

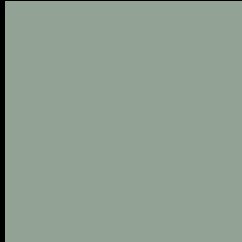
Large Text (above 18pt) WCAG AA × Fail

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 34.0898, 0.3098, 0.3506 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

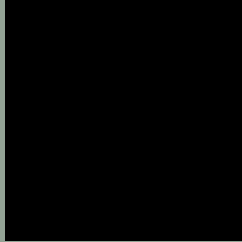
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

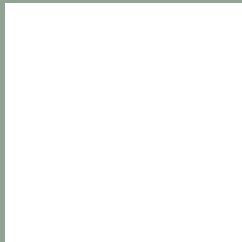
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 34.0898, 0.3098, 0.3506

Background



This preview shows how black text looks on a background with the Yxy color 34.0898, 0.3098, 0.3506.

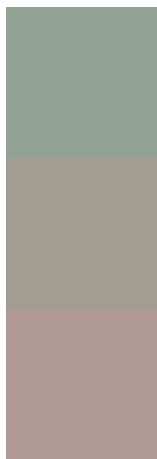


This preview shows how white text looks on a background with the Yxy color 34.0898, 0.3098, 0.3506.

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

34.0898, 0.3098, 0.3506

Protanopia

33.9448, 0.3298, 0.3469

Deuteranopia

33.8886, 0.3393, 0.3319



Tritanopia

34.2206, 0.2939, 0.3112

Trichromacy



Original Color

34.0898, 0.3098, 0.3506

Protanomaly

34.0397, 0.3225, 0.3486

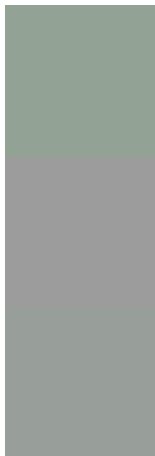
Deuteranomaly

33.9462, 0.3282, 0.3394

Tritanomaly

34.1755, 0.2998, 0.3244

Monochromacy



Original Color

34.0898, 0.3098, 0.3506

Achromatopsia

33.2452, 0.3127, 0.3290

Achromatomaly

33.4290, 0.3114, 0.3366

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.0898, 0.3098, 0.3506 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(146, 162, 148)` looks like.

```
.text, #text, p{  
    color:rgb(146, 162, 148)  
}
```

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(146, 162, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 162, 148) }
```

Border

The CSS property to change the border of an element to Yxy 34.0898, 0.3098, 0.3506 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(146, 162, 148) }
```

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

```
.border{ border-color:rgb(146, 162, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 162, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(146, 162, 148); -webkit-box-shadow:4px 4px 4px 4px rgb(146, 162, 148); box-shadow:4px 4px 4px 4px rgb(146, 162, 148) }
```


Background

The CSS property to change the background color of an element to Yxy 34.0898, 0.3098, 0.3506 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 162, 148) }
```

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

```
.background{ background-color: rgb(146,  
162, 148) }
```

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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