

Converting Colors

$Yxy(34.8132, 0.3512, 0.3563)$

Have a look what the booklet for
Yxy(34.8132, 0.3512, 0.3563)
contains.

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Color

Yxy(34.8132, 0.3512, 0.3563)

Conversions

Conversions Part 1

Format	Color
Hex	B09C89
RGB	176, 156, 137
RGB Percent	69%, 61%, 54%
CMY	0.3097, 0.3883, 0.4627
CMYK	0.00, 0.11, 0.22, 0.31
HSL	29°, 20%, 61%
HSV	29°, 22%, 69%
XYZ	34.3149, 34.8132, 28.5795
YIQ	159.8140, 18.0190, -1.6690

Conversions

Conversions Part 2

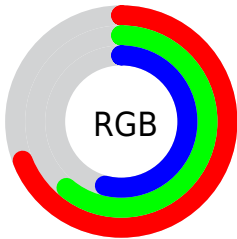
Format	Color
RYB	176, 174, 137
Decimal	11574409
CIELab	65.60, 4.29, 12.64
CIELCh	66, 13.349, 71.247
Yxy	34.8132, 0.3512, 0.3563
Android (android.graphics.Color)	4289764489 (0xFFB09C89)
YUV	159.8140, -11.2473, 14.1951
Hunter-Lab	59.0027, 0.5576, 12.5833

Details

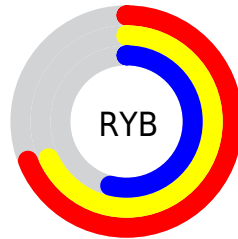
The Yxy color **34.8132, 0.3512, 0.3563** is a light color, and the websafe version is hex **999999**. A complement of this color would be **32.5866, 0.2783, 0.3001**, and the grayscale version is **35.1129, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.9667, 0.3440, 0.3510**, and **15.0022, 0.3638, 0.3653** is the 20% darker color. If you saturate the color by 10%, you get **31.4280, 0.3724, 0.3693**, and if you desaturate by 10%, it is **38.5099, 0.3324, 0.3436**.

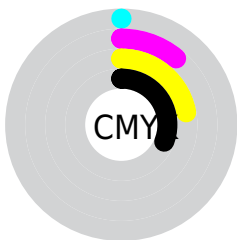
Distribution



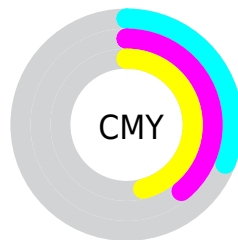
- Red (69%)
- Green (61%)
- Blue (54%)



- Red (69%)
- Yellow (68%)
- Blue (54%)



- Cyan (0%)
- Magenta (11%)
- Yellow (22%)
- Black (31%)





- Cyan (31%)
- Magenta (39%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.8132, 0.3512, 0.3563 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 34.8132, 0.3512, 0.3563 by changing the saturation by 10% instead.

 34.8132, 0.3512,
0.3563

 34.8132, 0.3512,
0.3563


323.7430, 0.3309,
0.3422


 23.5190, 0.3566,
0.3600


 67.1963, 0.3436,
0.3511

 14.9772, 0.3637,
0.3647

 89.0540, 0.3408,
0.3491

 8.8034, 0.3736,
0.3712


 115.2016, 0.3385,
0.3475

 4.6132, 0.3881,
0.3804

146.0236, 0.3365,
0.3461

 2.0221, 0.4113,
0.3943

181.9044, 0.3348,
0.3449

 0.6203, 0.5282,
0.4718

223.2283, 0.3334,

 0.0000, 0.0000,

0.3439

0.0000

270.3797, 0.3321,
0.3430

■ 34.8132, 0.3512,
0.3563

■ 34.8132, 0.3512,
0.3563

■ 31.4280, 0.3724,
0.3693

■ 38.5099, 0.3324,
0.3436

■ 28.3406, 0.3961,
0.3822

■ 42.5218, 0.3160,
0.3315

■ 25.5433, 0.4220,
0.3941

■ 46.8586, 0.3017,
0.3202

■ 23.0260, 0.4495,
0.4041

■ 51.5280, 0.2892,
0.3098

■ 20.7782, 0.4773,
0.4110

■ 56.5374, 0.2784,
0.3001

■ 18.7879, 0.5040,
0.4136

■ 61.8942, 0.2689,
0.2913

■ 17.0422, 0.5276,
0.4110

■ 67.2637, 0.2634,
0.2887

■ 15.8305, 0.5442,
0.4061

■ 72.1181, 0.2646,
0.2991

■ 77.2329, 0.2658,
0.3094

Harmonies

Analogous

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



34.8132, 0.3528, 0.3412



34.8132, 0.3512, 0.3563



34.8132, 0.3390, 0.3647

Triad

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



34.8132, 0.3512, 0.3563



34.8132, 0.2829, 0.3335



34.8132, 0.3044, 0.2974

Complementary

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



34.8132, 0.3512, 0.3563



32.5866, 0.2783, 0.3001

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.



34.8132, 0.2863, 0.2947



34.8132, 0.3512, 0.3563



34.8132, 0.2742, 0.3147

Square

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



34.8132, 0.3512, 0.3563



34.8132, 0.2995, 0.3516



34.8132, 0.2755, 0.3007



34.8132, 0.3253, 0.3079

Rectangle

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



34.8132, 0.3512, 0.3563



34.8132, 0.3268, 0.3649



34.8132, 0.2755, 0.3007



34.8132, 0.2978, 0.2955

Sweetspot

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



34.8148, 0.3512, 0.3563



73.4111, 0.3239, 0.3374



29.5676, 0.3347, 0.3003



15.8191, 0.3248, 0.3381



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



34.8148, 0.3512, 0.3563



59.7900, 0.3621, 0.3632



41.8519, 0.3457, 0.3824



9.1648, 0.3275, 0.3401



11.7261, 0.5425, 0.4074



0.4859, 0.4996, 0.4415

Inverse Universe

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



32.5866, 0.2783, 0.3001



54.9717, 0.2698, 0.2921



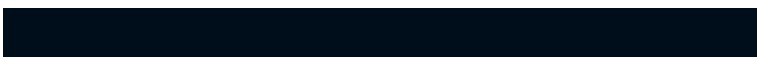
26.5333, 0.2761, 0.2693



8.9278, 0.2985, 0.3176



7.8315, 0.1791, 0.1647



0.3627, 0.1930, 0.2146

Previews

White Background



This preview shows how the Yxy color 34.8132, 0.3512, 0.3563 looks on a white background.

Color Contrast Check

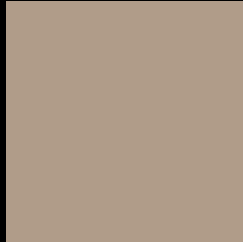
Large Text (above 18pt) WCAG AA × Fail

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 34.8132, 0.3512, 0.3563 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

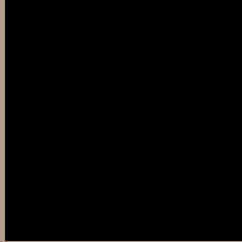
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.8132, 0.3512, 0.3563

Background



This preview shows how black text looks on a background with the Yxy color 34.8132, 0.3512, 0.3563.



This preview shows how white text looks on a background with the Yxy color 34.8132, 0.3512, 0.3563.

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

34.8132, 0.3512, 0.3563

Protanopia

34.8758, 0.3391, 0.3585

Deuteranopia

34.6847, 0.3584, 0.3501



Tritanopia

34.7205, 0.3286, 0.3124

Trichromacy



Original Color

34.8132, 0.3512, 0.3563

Protanomaly

34.8347, 0.3434, 0.3583

Deuteranomaly

34.6495, 0.3550, 0.3518

Tritanomaly

34.5805, 0.3372, 0.3277

Monochromacy



Original Color

34.8132, 0.3512, 0.3563

Achromatopsia

35.1533, 0.3127, 0.3290

Achromatomaly

35.1703, 0.3259, 0.3392

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.8132, 0.3512, 0.3563 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(176, 156, 137)` looks like.

```
.text, #text, p{  
    color:rgb(176, 156, 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(176, 156, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 156, 137) }
```

Border

The CSS property to change the border of an element to Yxy 34.8132, 0.3512, 0.3563 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(176, 156, 137) }
```

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

```
.border{ border-color:rgb(176, 156, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 156, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 156, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 156, 137);  
box-shadow:4px 4px 4px 4px rgb(176, 156,  
137) }
```


Background

The CSS property to change the background color of an element to Yxy 34.8132, 0.3512, 0.3563 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 156, 137) }
```

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

```
.background{ background-color: rgb(176,  
156, 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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