

Converting Colors

$Yxy(34.3597, 0.3250, 0.3769)$

Have a look what the booklet for
Yxy(34.3597, 0.3250, 0.3769)
contains.

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Color

Yxy(34.1837, 0.3248, 0.3758)

Conversions

Conversions Part 1

Format	Color
Hex	94A385
RGB	148, 163, 133
RGB Percent	58%, 64%, 52%
CMY	0.4196, 0.3608, 0.4784
CMYK	0.09, 0.00, 0.18, 0.36
HSL	90°, 14%, 58%
HSV	90°, 18%, 64%
XYZ	29.5446, 34.1837, 27.2342
YIQ	155.0950, 0.6900, -12.5100

Conversions

Conversions Part 2

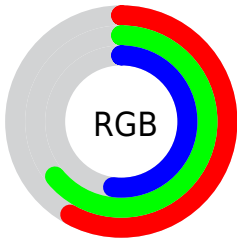
Format	Color
RYB	133, 163, 148
Decimal	9741189
CIELab	65.11, -10.90, 13.83
CIElCh	65, 17.610, 128.253
Yxy	34.1837, 0.3248, 0.3758
Android (android.graphics.Color)	4287931269 (0xFF94A385)
YUV	155.0950, -10.8928, -6.2223
Hunter-Lab	58.4668, -12.1169, 13.3092

Details

The Yxy color **34.1837, 0.3248, 0.3758** is a light color, and the websafe version is hex **999966**. A complement of this color would be **25.7185, 0.2987, 0.2823**, and the grayscale version is **32.8727, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.2445, 0.3226, 0.3666**, and **14.5348, 0.3286, 0.3922** is the 20% darker color. If you saturate the color by 10%, you get **33.0355, 0.3310, 0.4038**, and if you desaturate by 10%, it is **35.4584, 0.3183, 0.3495**.

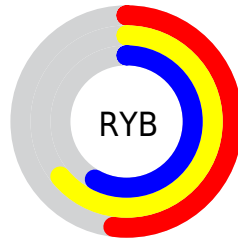
Distribution



Red (58%)

Green (64%)

Blue (52%)



Red (52%)

Yellow (64%)

Blue (58%)

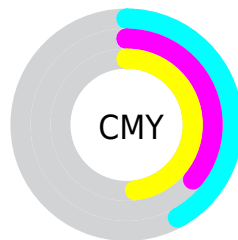


Cyan (9%)

Magenta (0%)

Yellow (18%)

Black (36%)



Cyan (42%)


Magenta (36%)


Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.1837, 0.3248, 0.3758 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 34.1837, 0.3248, 0.3758 by changing the saturation by 10% instead.


 34.1837, 0.3248,
0.3758

 34.1837, 0.3248,
0.3758


320.9504, 0.3187,
0.3507

 23.0348, 0.3263,
0.3827


 66.2192, 0.3226,
0.3662

 14.6192, 0.3282,
0.3920


 87.8746, 0.3218,
0.3628

 8.5526, 0.3306,
0.4051


 113.8009, 0.3211,
0.3599

 4.4505, 0.3338,
0.4249

144.3826, 0.3205,
0.3575

 1.9286, 0.3381,
0.4587

180.0040, 0.3199,
0.3554

 0.5655, 0.3242,
0.6758

221.0495, 0.3195,

 0.0000, 0.0000,

0.3536

0.0000

267.9035, 0.3191,
0.3520

■ 34.1837, 0.3248,
0.3758

■ 34.1837, 0.3248,
0.3758

■ 33.0355, 0.3310,
0.4038

■ 35.4584, 0.3183,
0.3495

■ 32.0049, 0.3367,
0.4330

■ 36.8591, 0.3117,
0.3253

■ 31.0888, 0.3413,
0.4624

■ 38.3911, 0.3052,
0.3032

■ 30.2824, 0.3445,
0.4908

■ 40.0583, 0.2990,
0.2833

■ 29.5801, 0.3459,
0.5168

■ 41.8640, 0.2931,
0.2655

■ 28.9761, 0.3453,
0.5390

■ 43.8117, 0.2876,
0.2495

■ 28.4635, 0.3425,
0.5563

■ 45.9046, 0.2825,
0.2354

■ 28.0308, 0.3380,
0.5686

■ 47.5923, 0.2834,
0.2300

■ 27.9665, 0.3372,
0.5704

■ 48.8435, 0.2898,
0.2318

Harmonies

Analogous

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



34.1837, 0.3496, 0.3759



34.1837, 0.3248, 0.3758



34.1837, 0.2975, 0.3615

Triad

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



34.1837, 0.3248, 0.3758



34.1837, 0.2630, 0.2928



34.1837, 0.3513, 0.3194

Complementary

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



34.1837, 0.3248, 0.3758



25.7185, 0.2987, 0.2823

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.



34.1837, 0.3265, 0.2995



34.1837, 0.3248, 0.3758



34.1837, 0.2759, 0.2841

Square

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



34.1837, 0.3248, 0.3758



34.1837, 0.2627, 0.3119



34.1837, 0.2989, 0.2868



34.1837, 0.3655, 0.3423

Rectangle

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



34.1837, 0.3248, 0.3758



34.1837, 0.2816, 0.3460



34.1837, 0.2989, 0.2868



34.1837, 0.3439, 0.3122

Sweetspot

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



34.1852, 0.3248, 0.3758



64.0553, 0.3167, 0.3438



30.6620, 0.3435, 0.3519



14.3531, 0.3171, 0.3453



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.



34.1852, 0.3248, 0.3758



60.3701, 0.3274, 0.3869



32.8761, 0.3104, 0.3779



8.0608, 0.3188, 0.3517



21.7617, 0.3379, 0.5699



0.4854, 0.3669, 0.5469

Inverse Universe

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



25.7185, 0.2987, 0.2823



42.4158, 0.2951, 0.2713



27.2088, 0.3148, 0.2845



7.0257, 0.3061, 0.3063



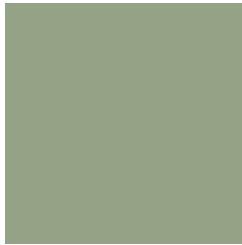
3.4590, 0.2042, 0.0898



0.1008, 0.2457, 0.1127

Previews

White Background



This preview shows how the Yxy color 34.1837, 0.3248, 0.3758 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 34.1837, 0.3248, 0.3758 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

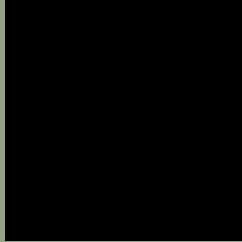
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.1837, 0.3248, 0.3758

Background



This preview shows how black text looks on a background with the Yxy color 34.1837, 0.3248, 0.3758.



This preview shows how white text looks on a background with the Yxy color 34.1837, 0.3248, 0.3758.

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

34.1837, 0.3248, 0.3758

Protanopia

33.9411, 0.3483, 0.3691

Deuteranopia

34.0295, 0.3597, 0.3532



Tritanopia

34.2260, 0.2984, 0.3113

Trichromacy



Original Color

34.1837, 0.3248, 0.3758

Protanomaly

33.9086, 0.3395, 0.3715

Deuteranomaly

33.9332, 0.3468, 0.3615

Tritanomaly

34.2513, 0.3077, 0.3335

Monochromacy



Original Color

34.1837, 0.3248, 0.3758

Achromatopsia

32.7778, 0.3127, 0.3290

Achromatomaly

33.2357, 0.3168, 0.3459

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.1837, 0.3248, 0.3758 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(148, 163, 133)` looks like.

```
.text, #text, p{  
    color:rgb(148, 163, 133)  
}
```

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(148, 163, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 163, 133) }
```

Border

The CSS property to change the border of an element to Yxy 34.1837, 0.3248, 0.3758 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(148, 163, 133) }
```

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

```
.border{ border-color:rgb(148, 163, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 163, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 163, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 163, 133);  
box-shadow:4px 4px 4px 4px rgb(148, 163,  
133) }
```


Background

The CSS property to change the background color of an element to Yxy 34.1837, 0.3248, 0.3758 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 163, 133) }
```

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

```
.background{ background-color: rgb(148,  
163, 133) }
```

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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