

Converting Colors

$Yxy(34.3488, 0.3381, 0.3868)$

Have a look what the booklet for
Yxy(34.3488, 0.3381, 0.3868)
contains.

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Color

Yxy(34.1914, 0.3382, 0.3861)

Conversions

Conversions Part 1

Format	Color
Hex	9AA27D
RGB	154, 162, 125
RGB Percent	60%, 64%, 49%
CMY	0.3960, 0.3647, 0.5099
CMYK	0.05, 0.00, 0.23, 0.36
HSL	73°, 17%, 56%
HSV	73°, 23%, 64%
XYZ	29.9496, 34.1914, 24.4148
YIQ	155.3900, 7.1090, -13.2030

Conversions

Conversions Part 2

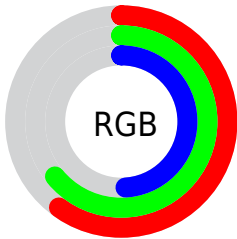
Format	Color
RYB	125, 162, 133
Decimal	10134141
CIELab	65.11, -9.39, 18.35
CIELCh	65, 20.610, 117.100
Yxy	34.1914, 0.3382, 0.3861
Android (android.graphics.Color)	4288324221 (0xFF9AA27D)
YUV	155.3900, -14.9823, -1.2190
Hunter-Lab	58.4734, -10.9023, 16.1756

Details

The Yxy color $34.1914, 0.3382, 0.3861$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $22.2534, 0.2833, 0.2681$, and the grayscale version is $33.0266, 0.3127, 0.3290$.

A 20% lighter version of the original color is $66.3954, 0.3335, 0.3744$, and $14.5572, 0.3463, 0.4041$ is the 20% darker color. If you saturate the color by 10%, you get $33.4743, 0.3491, 0.4123$, and if you desaturate by 10%, it is $34.9890, 0.3270, 0.3604$.

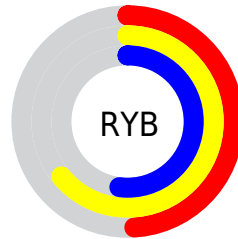
Distribution



Red (60%)

Green (64%)

Blue (49%)



Red (49%)

Yellow (64%)

Blue (52%)

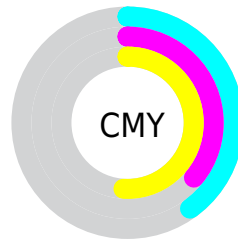


Cyan (5%)

Magenta (0%)

Yellow (23%)

Black (36%)



Cyan (40%)


Magenta (36%)


Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 34.1914, 0.3382, 0.3861 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 34.1914, 0.3382, 0.3861 by changing the saturation by 10% instead.


 34.1914, 0.3382,
0.3861


 34.1914, 0.3382,
0.3861


320.9847, 0.3252,
0.3555


 23.0407, 0.3415,
0.3944


 66.2312, 0.3334,
0.3745

 14.6235, 0.3457,
0.4056


 87.8891, 0.3316,
0.3703

 8.5556, 0.3512,
0.4211


 113.8181, 0.3301,
0.3668

 4.4525, 0.3587,
0.4443

144.4027, 0.3289,
0.3638

 1.9298, 0.3740,
0.4893

180.0273, 0.3278,
0.3613

 0.5662, 0.3530,
0.6470

221.0762, 0.3268,

 0.0000, 0.0000,

0.3591

0.0000

267.9338, 0.3259,
0.3572

■ 34.1914, 0.3382,
0.3861

■ 34.1914, 0.3382,
0.3861

■ 33.4743, 0.3491,
0.4123

■ 34.9890, 0.3270,
0.3604

■ 32.8298, 0.3593,
0.4382

■ 35.8658, 0.3158,
0.3358

■ 32.2559, 0.3682,
0.4628


■ 36.8262, 0.3050,
0.3126


■ 31.7485, 0.3753,
0.4851


■ 37.8729, 0.2947,
0.2911

■ 31.3032, 0.3803,
0.5041


■ 39.0086, 0.2850,
0.2714

 30.9151, 0.3829,
0.5189

 40.2359, 0.2760,
0.2535

 30.5780, 0.3829,
0.5293

 41.5571, 0.2676,
0.2372

 30.3583, 0.3820,
0.5349

 42.9747, 0.2599,
0.2226

 43.4324, 0.2622,
0.2229

Harmonies

Analogous

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



34.1914, 0.3640, 0.3796



34.1914, 0.3382, 0.3861



34.1914, 0.3064, 0.3754

Triad

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



34.1914, 0.3382, 0.3861



34.1914, 0.2530, 0.2935



34.1914, 0.3481, 0.3085

Complementary

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



34.1914, 0.3382, 0.3861



22.2534, 0.2833, 0.2681

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.



34.1914, 0.3166, 0.2881



34.1914, 0.3382, 0.3861



34.1914, 0.2627, 0.2789

Square

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



34.1914, 0.3382, 0.3861



34.1914, 0.2582, 0.3193



34.1914, 0.2855, 0.2774



34.1914, 0.3703, 0.3342

Rectangle

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



34.1914, 0.3382, 0.3861



34.1914, 0.2862, 0.3596



34.1914, 0.2855, 0.2774



34.1914, 0.3381, 0.3009

Sweetspot

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



34.1929, 0.3382, 0.3861



64.4118, 0.3206, 0.3462



25.7678, 0.3558, 0.3407



14.4467, 0.3212, 0.3475



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.



34.1929, 0.3382, 0.3861



61.4490, 0.3433, 0.3983



32.5625, 0.3204, 0.3894



8.1599, 0.3230, 0.3514



23.9358, 0.3824, 0.5346



0.5211, 0.3966, 0.5233

Inverse Universe

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



22.2534, 0.2833, 0.2681



36.2106, 0.2762, 0.2540



23.8392, 0.3028, 0.2715



6.9302, 0.3019, 0.3060



2.3518, 0.1626, 0.0669



0.0680, 0.1964, 0.0856

Previews

White Background



This preview shows how the Yxy color 34.1914, 0.3382, 0.3861 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 34.1914, 0.3382, 0.3861 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

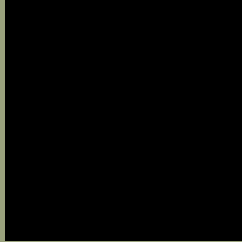
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

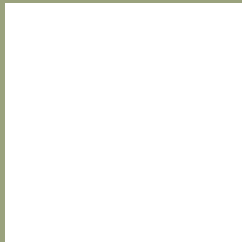
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 34.1914, 0.3382, 0.3861

Background



This preview shows how black text looks on a background with the Yxy color 34.1914, 0.3382, 0.3861.



This preview shows how white text looks on a background with the Yxy color 34.1914, 0.3382, 0.3861.

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

34.1914, 0.3382, 0.3861

Protanopia

34.2086, 0.3557, 0.3809

Deuteranopia

34.1791, 0.3711, 0.3642



Tritanopia

34.0777, 0.3058, 0.3115

Trichromacy



Original Color

34.1914, 0.3382, 0.3861

Protanomaly

34.0380, 0.3492, 0.3817

Deuteranomaly

34.1675, 0.3588, 0.3728

Tritanomaly

33.9898, 0.3182, 0.3380

Monochromacy



Original Color

34.1914, 0.3382, 0.3861

Achromatopsia

32.7778, 0.3127, 0.3290

Achromatomaly

33.4359, 0.3225, 0.3504

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.1914, 0.3382, 0.3861 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(154, 162, 125)` looks like.

```
.text, #text, p{  
    color:rgb(154, 162, 125)  
}
```

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(154, 162, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 162, 125) }
```

Border

The CSS property to change the border of an element to Yxy 34.1914, 0.3382, 0.3861 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(154, 162, 125) }
```

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

```
.border{ border-color:rgb(154, 162, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 162, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 162, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 162, 125);  
box-shadow:4px 4px 4px 4px rgb(154, 162,  
125) }
```


Background

The CSS property to change the background color of an element to Yxy 34.1914, 0.3382, 0.3861 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 162, 125) }
```

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

```
.background{ background-color: rgb(154,  
162, 125) }
```

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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