

Converting Colors

$Yxy(34.0472, 0.3113, 0.3658)$

Have a look what the booklet for
Yxy(34.0472, 0.3113, 0.3658)
contains.

Yxy(34.1367, 0.3110, 0.3653)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(34.1367, 0.3110, 0.3653)

Conversions

Conversions Part 1

Format	Color
Hex	8DA48D
RGB	141, 164, 141
RGB Percent	55%, 64%, 55%
CMY	0.4472, 0.3568, 0.4471
CMYK	0.14, 0.00, 0.14, 0.36
HSL	120°, 11%, 60%
HSV	120°, 14%, 64%
XYZ	29.0625, 34.1367, 30.2492
YIQ	154.5010, -6.3250, -12.0290

Conversions

Conversions Part 2

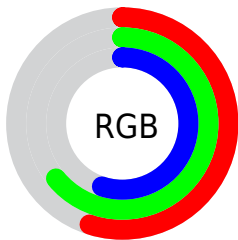
Format	Color
RYB	141, 164, 164
Decimal	9282701
CIELab	65.07, -12.60, 9.28
CIELCh	65, 15.642, 143.629
Yxy	34.1367, 0.3110, 0.3653
Android (android.graphics.Color)	4287472781 (0xFF8DA48D)
YUV	154.5010, -6.6560, -11.8404
Hunter-Lab	58.4266, -13.4575, 10.2024

Details

The Yxy color **34.1367, 0.3110, 0.3653** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **29.6147, 0.3143, 0.2952**, and the grayscale version is **32.5764, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.2053, 0.3114, 0.3574**, and **14.5678, 0.3105, 0.3770** is the 20% darker color. If you saturate the color by 10%, you get **32.3533, 0.3096, 0.3952**, and if you desaturate by 10%, it is **36.2081, 0.3123, 0.3388**.

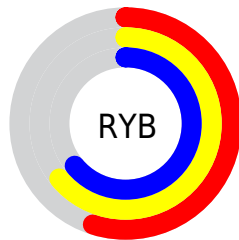
Distribution



Red (55%)

Green (64%)

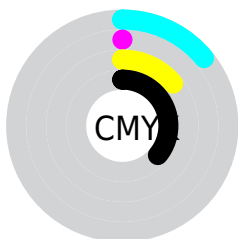
Blue (55%)



Red (55%)

Yellow (64%)

Blue (64%)

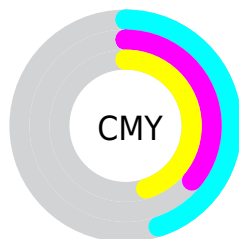


Cyan (14%)

Magenta (0%)

Yellow (14%)

Black (36%)



Cyan (45%)


Magenta (36%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.1367, 0.3110, 0.3653 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 34.1367, 0.3110, 0.3653 by changing the saturation by 10% instead.

 34.1367, 0.3110,
0.3653

 34.1367, 0.3110,
0.3653


320.7412, 0.3121,
0.3458


 22.9986, 0.3106,
0.3707


 66.1462, 0.3115,
0.3579

 14.5925, 0.3101,
0.3779


 87.7864, 0.3116,
0.3552

 8.5339, 0.3092,
0.3882


 113.6961, 0.3118,
0.3529

 4.4384, 0.3076,
0.4038

144.2598, 0.3119,
0.3511

 1.9217, 0.3043,
0.4306

179.8617, 0.3119,
0.3495

 0.5614, 0.2871,
0.7129

220.8863, 0.3120,

 0.0000, 0.0000,

0.3481

0.0000

267.7180, 0.3121,
0.3469

■ 34.1367, 0.3110,
0.3653

■ 34.1367, 0.3110,
0.3653

■ 32.3533, 0.3096,
0.3952

■ 36.2081, 0.3123,
0.3388

■ 30.8412, 0.3080,
0.4280

■ 38.5749, 0.3134,
0.3156

■ 29.5882, 0.3064,
0.4628


■ 41.2496, 0.3143,
0.2955


■ 28.5799, 0.3048,
0.4979


■ 44.2426, 0.3151,
0.2783

■ 27.8003, 0.3032,
0.5311


■ 47.5641, 0.3158,
0.2635


 27.2315, 0.3019,
0.5598

 51.2235, 0.3164,
0.2508

 26.8530, 0.3009,
0.5813

 55.0356, 0.3169,
0.2403

 26.6402, 0.3002,
0.5945

 26.5558, 0.3000,
0.6000

Harmonies

Analogous

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



34.1367, 0.3350, 0.3721



34.1367, 0.3110, 0.3653



34.1367, 0.2881, 0.3475

Triad

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



34.1367, 0.3110, 0.3653



34.1367, 0.2730, 0.2915



34.1367, 0.3549, 0.3310

Complementary

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



34.1367, 0.3110, 0.3653



29.6147, 0.3143, 0.2952

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.



34.1367, 0.3371, 0.3112



34.1367, 0.3110, 0.3653



34.1367, 0.2896, 0.2889

Square

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



34.1367, 0.3110, 0.3653



34.1367, 0.2667, 0.3042



34.1367, 0.3130, 0.2961



34.1367, 0.3610, 0.3511

Rectangle

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



34.1367, 0.3110, 0.3653



34.1367, 0.2764, 0.3323



34.1367, 0.3130, 0.2961



34.1367, 0.3501, 0.3242

Sweetspot

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



34.1382, 0.3110, 0.3653



65.7023, 0.3123, 0.3388



36.3717, 0.3332, 0.3629



14.3005, 0.3122, 0.3407



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.



34.1382, 0.3110, 0.3653



60.8408, 0.3106, 0.3747



34.4987, 0.3013, 0.3469



7.8951, 0.3116, 0.3522



20.3581, 0.3000, 0.5999



0.4278, 0.2999, 0.5997

Inverse Universe

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



29.6147, 0.3143, 0.2952



50.9461, 0.3147, 0.2872



29.2175, 0.3259, 0.3118



7.2021, 0.3138, 0.3069



8.1040, 0.3211, 0.1542



0.1703, 0.3210, 0.1542

Previews

White Background



This preview shows how the Yxy color 34.1367, 0.3110, 0.3653 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 34.1367, 0.3110, 0.3653 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

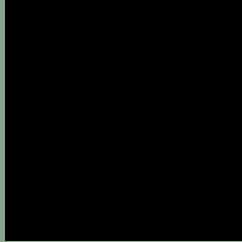
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

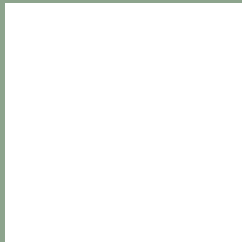
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 34.1367, 0.3110, 0.3653

Background



This preview shows how black text looks on a background with the Yxy color 34.1367, 0.3110, 0.3653.



This preview shows how white text looks on a background with the Yxy color 34.1367, 0.3110, 0.3653.

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

34.1367, 0.3110, 0.3653

Protanopia

33.9194, 0.3395, 0.3588

Deuteranopia

33.9046, 0.3484, 0.3419



Tritanopia

34.2312, 0.2896, 0.3110

Trichromacy



Original Color

34.1367, 0.3110, 0.3653

Protanomaly

34.0445, 0.3287, 0.3626

Deuteranomaly

33.7293, 0.3349, 0.3498

Tritanomaly

33.9922, 0.2969, 0.3290

Monochromacy



Original Color

34.1367, 0.3110, 0.3653

Achromatopsia

32.3143, 0.3127, 0.3290

Achromatomaly

33.0132, 0.3121, 0.3429

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.1367, 0.3110, 0.3653 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(141, 164, 141)` looks like.

```
.text, #text, p{  
    color:rgb(141, 164, 141)  
}
```

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(141, 164, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 164, 141) }
```

Border

The CSS property to change the border of an element to Yxy 34.1367, 0.3110, 0.3653 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(141, 164, 141) }
```

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

```
.border{ border-color:rgb(141, 164, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 164, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 164, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 164, 141);  
box-shadow:4px 4px 4px 4px rgb(141, 164,  
141) }
```


Background

The CSS property to change the background color of an element to Yxy 34.1367, 0.3110, 0.3653 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 164, 141) }
```

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

```
.background{ background-color: rgb(141,  
164, 141) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor