

Converting Colors

$Yxy(34.1825, 0.3111, 0.3725)$

Have a look what the booklet for
Yxy(34.1825, 0.3111, 0.3725)
contains.

Yxy(34.1485, 0.3107, 0.3720)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(34.1485, 0.3107, 0.3720)

Conversions

Conversions Part 1

Format	Color
Hex	8AA58A
RGB	138, 165, 138
RGB Percent	54%, 65%, 54%
CMY	0.4589, 0.3529, 0.4589
CMYK	0.16, 0.00, 0.16, 0.35
HSL	120°, 13%, 59%
HSV	120°, 16%, 65%
XYZ	28.5213, 34.1485, 29.1272
YIQ	153.8490, -7.4250, -14.1210

Conversions

Conversions Part 2

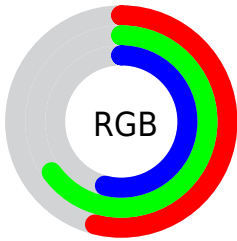
Format	Color
RYB	138, 165, 165
Decimal	9086346
CIELab	65.08, -14.74, 10.93
CIElCh	65, 18.347, 143.450
Yxy	34.1485, 0.3107, 0.3720
Android (android.graphics.Color)	4287276426 (0xFF8AA58A)
YUV	153.8490, -7.8136, -13.8996
Hunter-Lab	58.4367, -15.1434, 11.3532

Details

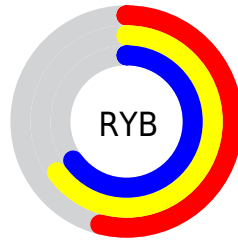
The Yxy color $34.1485, 0.3107, 0.3720$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $28.8900, 0.3146, 0.2895$, and the grayscale version is $32.2818, 0.3127, 0.3290$.

A 20% lighter version of the original color is $66.1545, 0.3118, 0.3636$, and $14.5895, 0.3100, 0.3869$ is the 20% darker color. If you saturate the color by 10%, you get $32.4058, 0.3093, 0.4026$, and if you desaturate by 10%, it is $36.1805, 0.3120, 0.3447$.

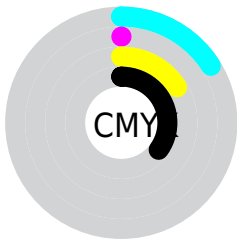
Distribution



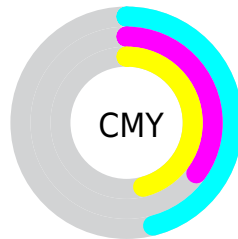
- Red (54%)
- Green (65%)
- Blue (54%)



- Red (54%)
- Yellow (65%)
- Blue (65%)



- Cyan (16%)
- Magenta (0%)
- Yellow (16%)
- Black (35%)





- Cyan (46%)
- Magenta (35%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.1485, 0.3107, 0.3720 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 34.1485, 0.3107, 0.3720 by changing the saturation by 10% instead.


 34.1485, 0.3107,
0.3720


 34.1485, 0.3107,
0.3720


320.7937, 0.3121,
0.3488

 23.0077, 0.3102,
0.3784


 66.1645, 0.3113,
0.3631

 14.5992, 0.3095,
0.3871


 87.8086, 0.3115,
0.3599

 8.5386, 0.3084,
0.3994


 113.7224, 0.3116,
0.3573

 4.4415, 0.3063,
0.4182

144.2906, 0.3117,
0.3551

 1.9234, 0.3019,
0.4506

179.8974, 0.3118,
0.3532

 0.5624, 0.2371,
0.7629

220.9273, 0.3119,

 0.0000, 0.0000,

0.3515

0.0000

267.7646, 0.3120,
0.3501

■ 34.1485, 0.3107,
0.3720

■ 34.1485, 0.3107,
0.3720

■ 32.4058, 0.3093,
0.4026

■ 36.1805, 0.3120,
0.3447

■ 30.9353, 0.3077,
0.4360

■ 38.5095, 0.3131,
0.3207

■ 29.7244, 0.3060,
0.4711

■ 41.1484, 0.3141,
0.2999

■ 28.7581, 0.3044,
0.5061

■ 44.1079, 0.3149,
0.2820

■ 28.0197, 0.3029,
0.5385

■ 47.3983, 0.3156,
0.2667

■ 27.4906, 0.3016,
0.5656

■ 51.0294, 0.3163,
0.2535

■ 27.1491, 0.3007,
0.5853

■ 55.0106, 0.3168,
0.2422

■ 26.9649, 0.3002,
0.5967

■ 55.3931, 0.3168,
0.2413

■ 26.9132, 0.3000,
0.6000

Harmonies

Analogous

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



34.1485, 0.3388, 0.3798



34.1485, 0.3107, 0.3720



34.1485, 0.2840, 0.3509

Triad

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



34.1485, 0.3107, 0.3720



34.1485, 0.2662, 0.2852



34.1485, 0.3622, 0.3310

Complementary

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



34.1485, 0.3107, 0.3720



28.8900, 0.3146, 0.2895

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.



34.1485, 0.3411, 0.3081



34.1485, 0.3107, 0.3720



34.1485, 0.2855, 0.2823

Square

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



34.1485, 0.3107, 0.3720



34.1485, 0.2591, 0.2999



34.1485, 0.3127, 0.2907



34.1485, 0.3694, 0.3544

Rectangle

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



34.1485, 0.3107, 0.3720



34.1485, 0.2704, 0.3329



34.1485, 0.3127, 0.2907



34.1485, 0.3565, 0.3230

Sweetspot

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



34.1500, 0.3107, 0.3720



65.2951, 0.3121, 0.3414



36.5857, 0.3368, 0.3681



14.2174, 0.3121, 0.3431



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.



34.1500, 0.3107, 0.3720



59.8471, 0.3101, 0.3838



34.5511, 0.2998, 0.3508



7.8951, 0.3116, 0.3522



20.3580, 0.3000, 0.6000



0.4278, 0.3000, 0.6000

Inverse Universe

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



28.8900, 0.3146, 0.2895



48.4532, 0.3150, 0.2796



28.4385, 0.3280, 0.3082



7.2022, 0.3138, 0.3068



8.1060, 0.3209, 0.1541



0.1703, 0.3209, 0.1541

Previews

White Background



This preview shows how the Yxy color 34.1485, 0.3107, 0.3720 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 34.1485, 0.3107, 0.3720 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

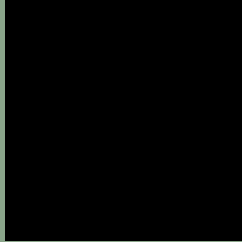
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

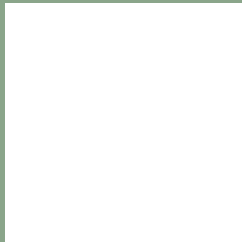
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 34.1485, 0.3107, 0.3720

Background



This preview shows how black text looks on a background with the Yxy color 34.1485, 0.3107, 0.3720.



This preview shows how white text looks on a background with the Yxy color 34.1485, 0.3107, 0.3720.

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

34.1485, 0.3107, 0.3720

Protanopia

33.9422, 0.3434, 0.3632

Deuteranopia

33.9633, 0.3515, 0.3447



Tritanopia

34.0880, 0.2870, 0.3095

Trichromacy



Original Color

34.1485, 0.3107, 0.3720

Protanomaly

33.9588, 0.3315, 0.3672

Deuteranomaly

33.8999, 0.3356, 0.3544

Tritanomaly

34.1295, 0.2959, 0.3320

Monochromacy



Original Color

34.1485, 0.3107, 0.3720

Achromatopsia

32.3143, 0.3127, 0.3290

Achromatomaly

32.8877, 0.3120, 0.3445

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.1485, 0.3107, 0.3720 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(138, 165, 138)` looks like.

```
.text, #text, p{  
    color:rgb(138, 165, 138)  
}
```

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(138, 165, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 165, 138) }
```

Border

The CSS property to change the border of an element to Yxy 34.1485, 0.3107, 0.3720 is called "border". The border property can be set on classes, ids or directly on the HTML element.

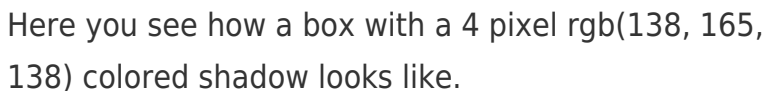
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(138, 165, 138) }
```

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

```
.border{ border-color:rgb(138, 165, 138) }
```

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



Here you see how a box with a 4 pixel `rgb(138, 165, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(138, 165, 138); -webkit-box-shadow:4px 4px 4px 4px rgb(138, 165, 138); box-shadow:4px 4px 4px 4px rgb(138, 165, 138) }
```


Background

The CSS property to change the background color of an element to Yxy 34.1485, 0.3107, 0.3720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 165, 138) }
```

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

```
.background{ background-color: rgb(138,  
165, 138) }
```

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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