

Converting Colors

$Yxy(34.5549, 0.3382, 0.3996)$

Have a look what the booklet for
Yxy(34.5549, 0.3382, 0.3996)
contains.

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Color

Yxy(34.7262, 0.3387, 0.4005)

Conversions

Conversions Part 1

Format	Color
Hex	96A577
RGB	150, 165, 119
RGB Percent	59%, 65%, 47%
CMY	0.4116, 0.3530, 0.5333
CMYK	0.09, 0.00, 0.28, 0.35
HSL	80°, 20%, 56%
HSV	80°, 28%, 65%
XYZ	29.3677, 34.7262, 22.6132
YIQ	155.2710, 5.8260, -17.4860

Conversions

Conversions Part 2

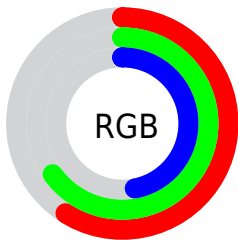
Format	Color
RYB	119, 165, 134
Decimal	9872759
CIELab	65.53, -13.42, 22.14
CIELCh	66, 25.888, 121.224
Yxy	34.7262, 0.3387, 0.4005
Android (android.graphics.Color)	4288062839 (0xFF96A577)
YUV	155.2710, -17.8816, -4.6227
Hunter-Lab	58.9289, -14.1688, 18.4985

Details

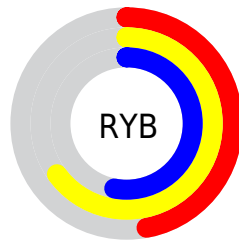
The Yxy color **34.7262, 0.3387, 0.4005** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **20.9814, 0.2810, 0.2539**, and the grayscale version is **32.9869, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.1441, 0.3340, 0.3853**, and **14.9051, 0.3464, 0.4247** is the 20% darker color. If you saturate the color by 10%, you get **33.8670, 0.3474, 0.4278**, and if you desaturate by 10%, it is **35.6806, 0.3295, 0.3737**.

Distribution



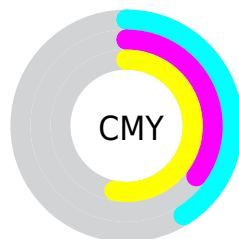
- Red (59%)
- Green (65%)
- Blue (47%)



- Red (47%)
- Yellow (65%)
- Blue (53%)



- Cyan (9%)
- Magenta (0%)
- Yellow (28%)
- Black (35%)



- Cyan (41%)
- Magenta (35%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.7262, 0.3387, 0.4005 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 34.7262, 0.3387, 0.4005 by changing the saturation by 10% instead.


 34.7262, 0.3387,
0.4005


 34.7262, 0.3387,
0.4005


323.3581, 0.3257,
0.3621

 23.4520, 0.3418,
0.4110


 67.0614, 0.3341,
0.3859

 14.9276, 0.3457,
0.4250


 88.8912, 0.3323,
0.3806

 8.7686, 0.3505,
0.4446

 115.0084, 0.3308,
0.3762

 4.5906, 0.3563,
0.4736

145.7973, 0.3295,
0.3725

 2.0091, 0.3746,
0.5384

181.6423, 0.3284,
0.3693

 0.6128, 0.2937,
0.7063

222.9279, 0.3274,

 0.0000, 0.0000,

0.3666

0.0000

270.0383, 0.3265,
0.3642

■ 34.7262, 0.3387,
0.4005

■ 34.7262, 0.3387,
0.4005

■ 33.8670, 0.3474,
0.4278

■ 35.6806, 0.3295,
0.3737

■ 33.0947, 0.3550,
0.4548

■ 36.7292, 0.3201,
0.3481

■ 32.4064, 0.3612,
0.4804

■ 37.8770, 0.3107,
0.3240

■ 31.7977, 0.3654,
0.5034

■ 39.1272, 0.3017,
0.3018

■ 31.2634, 0.3673,
0.5226

■ 40.4828, 0.2932,
0.2815

■ 30.7974, 0.3668,
0.5373

■ 41.9467, 0.2851,
0.2631

■ 30.3899, 0.3642,
0.5475

■ 43.5217, 0.2776,
0.2465

■ 30.3071, 0.3635,
0.5496

■ 45.2104, 0.2707,
0.2315

■ 46.1830, 0.2721,
0.2290

Harmonies

Analogous

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



34.7262, 0.3728, 0.3941



34.7262, 0.3387, 0.4005



34.7262, 0.2990, 0.3843

Triad

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



34.7262, 0.3387, 0.4005



34.7262, 0.2397, 0.2810



34.7262, 0.3617, 0.3075

Complementary

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



34.7262, 0.3387, 0.4005



20.9814, 0.2810, 0.2539

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.



34.7262, 0.3229, 0.2816



34.7262, 0.3387, 0.4005



34.7262, 0.2538, 0.2658

Square

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



34.7262, 0.3387, 0.4005



34.7262, 0.2433, 0.3112



34.7262, 0.2835, 0.2665



34.7262, 0.3873, 0.3393

Rectangle

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



34.7262, 0.3387, 0.4005



34.7262, 0.2748, 0.3627



34.7262, 0.2835, 0.2665



34.7262, 0.3496, 0.2979

Sweetspot

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



34.7277, 0.3387, 0.4005



65.7290, 0.3203, 0.3488



26.2649, 0.3658, 0.3518



14.3080, 0.3217, 0.3524



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.



34.7277, 0.3387, 0.4005



61.2949, 0.3438, 0.4162



32.7872, 0.3168, 0.4056



8.1212, 0.3214, 0.3515



22.9571, 0.3641, 0.5491



0.5062, 0.3851, 0.5325

Inverse Universe

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



20.9814, 0.2810, 0.2539



32.8281, 0.2730, 0.2365



23.0391, 0.3062, 0.2593



6.9667, 0.3035, 0.3061



2.6667, 0.1752, 0.0739



0.0807, 0.2168, 0.0968

Previews

White Background



This preview shows how the Yxy color 34.7262, 0.3387, 0.4005 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 34.7262, 0.3387, 0.4005 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

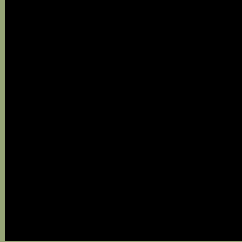
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.7262, 0.3387, 0.4005

Background



This preview shows how black text looks on a background with the Yxy color 34.7262, 0.3387, 0.4005.



This preview shows how white text looks on a background with the Yxy color 34.7262, 0.3387, 0.4005.

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

34.7262, 0.3387, 0.4005

Protanopia

34.7152, 0.3652, 0.3919

Deuteranopia

34.4264, 0.3794, 0.3707



Tritanopia

34.5621, 0.3003, 0.3100

Trichromacy



Original Color

34.7262, 0.3387, 0.4005

Protanomaly

34.5606, 0.3550, 0.3951

Deuteranomaly

34.4931, 0.3644, 0.3813

Tritanomaly

34.6268, 0.3140, 0.3426

Monochromacy



Original Color

34.7262, 0.3387, 0.4005

Achromatopsia

32.7778, 0.3127, 0.3290

Achromatomaly

33.5216, 0.3222, 0.3551

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.7262, 0.3387, 0.4005 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(150, 165, 119)` looks like.

```
.text, #text, p{  
    color:rgb(150, 165, 119)  
}
```

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(150, 165, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 165, 119) }
```

Border

The CSS property to change the border of an element to Yxy 34.7262, 0.3387, 0.4005 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(150, 165, 119) }
```

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

```
.border{ border-color:rgb(150, 165, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 165, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 165, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 165, 119);  
box-shadow:4px 4px 4px 4px rgb(150, 165,  
119) }
```


Background

The CSS property to change the background color of an element to Yxy 34.7262, 0.3387, 0.4005 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 165, 119) }
```

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

```
.background{ background-color: rgb(150,  
165, 119) }
```

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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