

Converting Colors

$Yxy(35.4384, 0.3433, 0.4009)$

Have a look what the booklet for
Yxy(35.4384, 0.3433, 0.4009)
contains.

Yxy(35.5729, 0.3434, 0.4007)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(35.5729, 0.3434, 0.4007)

Conversions

Conversions Part 1

Format	Color
Hex	9BA677
RGB	155, 166, 119
RGB Percent	61%, 65%, 47%
CMY	0.3921, 0.3490, 0.5333
CMYK	0.07, 0.00, 0.28, 0.35
HSL	74°, 21%, 56%
HSV	74°, 28%, 65%
XYZ	30.4860, 35.5729, 22.7180
YIQ	157.3530, 8.5310, -16.9490

Conversions

Conversions Part 2

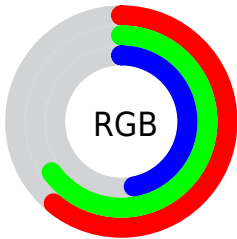
Format	Color
RYB	119, 166, 130
Decimal	10200695
CIELab	66.19, -12.02, 23.09
CIELCh	66, 26.028, 117.494
Yxy	35.5729, 0.3434, 0.4007
Android (android.graphics.Color)	4288390775 (0xFF9BA677)
YUV	157.3530, -18.9080, -2.0636
Hunter-Lab	59.6430, -13.1366, 19.1666

Details

The Yxy color **35.5729, 0.3434, 0.4007** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **20.6981, 0.2758, 0.2516**, and the grayscale version is **33.9703, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.3931, 0.3376, 0.3856**, and **15.3604, 0.3516, 0.4247** is the 20% darker color. If you saturate the color by 10%, you get **34.8317, 0.3536, 0.4271**, and if you desaturate by 10%, it is **36.3993, 0.3326, 0.3745**.

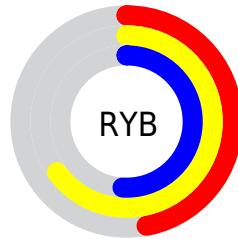
Distribution



Red (61%)

Green (65%)

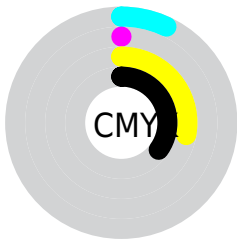
Blue (47%)



Red (47%)

Yellow (65%)

Blue (51%)

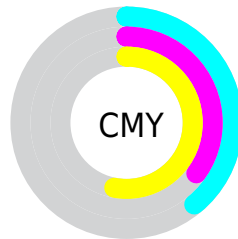


Cyan (7%)

Magenta (0%)

Yellow (28%)

Black (35%)



Cyan (39%)


Magenta (35%)

Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.5729, 0.3434, 0.4007 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 35.5729, 0.3434, 0.4007 by changing the saturation by 10% instead.


 35.5729, 0.3434,
0.4007


 35.5729, 0.3434,
0.4007


327.0899, 0.3280,
0.3624


 24.1045, 0.3471,
0.4110


 68.3723, 0.3379,
0.3862

 15.4112, 0.3518,
0.4247


 90.4722, 0.3358,
0.3810

 9.1085, 0.3577,
0.4437

 116.8846, 0.3340,
0.3766

 4.8120, 0.3651,
0.4716

147.9941, 0.3324,
0.3729

 2.1374, 0.3848,
0.5313

184.1850, 0.3311,
0.3697

 0.6855, 0.3432,
0.6568

225.8416, 0.3300,

 0.0000, 0.0000,

0.3670

0.0000

273.3485, 0.3289,
0.3646

■ 35.5729, 0.3434,
0.4007

■ 35.5729, 0.3434,
0.4007

■ 34.8317, 0.3536,
0.4271

■ 36.3993, 0.3326,
0.3745

■ 34.1672, 0.3629,
0.4527

■ 37.3096, 0.3217,
0.3491

■ 33.5769, 0.3706,
0.4766

■ 38.3087, 0.3109,
0.3250

■ 33.0564, 0.3762,
0.4975

■ 39.3996, 0.3005,
0.3026

■ 32.6005, 0.3796,
0.5147

■ 40.5852, 0.2907,
0.2819

■ 32.2034, 0.3804,
0.5274

■ 41.8683, 0.2815,
0.2631

■ 31.8548, 0.3791,
0.5360

■ 43.2516, 0.2730,
0.2460

■ 31.7977, 0.3788,
0.5374

■ 44.7376, 0.2651,
0.2305

■ 45.4339, 0.2660,
0.2284

Harmonies

Analogous

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



35.5729, 0.3760, 0.3918



35.5729, 0.3434, 0.4007



35.5729, 0.3039, 0.3873

Triad

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



35.5729, 0.3434, 0.4007



35.5729, 0.2393, 0.2841



35.5729, 0.3572, 0.3039

Complementary

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



35.5729, 0.3434, 0.4007



20.6981, 0.2758, 0.2516

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.



35.5729, 0.3177, 0.2791



35.5729, 0.3434, 0.4007



35.5729, 0.2513, 0.2669

Square

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



35.5729, 0.3434, 0.4007



35.5729, 0.2452, 0.3158



35.5729, 0.2792, 0.2657



35.5729, 0.3850, 0.3352

Rectangle

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



35.5729, 0.3434, 0.4007



35.5729, 0.2791, 0.3671



35.5729, 0.2792, 0.2657



35.5729, 0.3447, 0.2946

Sweetspot

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



35.5745, 0.3434, 0.4007



67.7400, 0.3215, 0.3487



25.3998, 0.3685, 0.3462



15.1024, 0.3231, 0.3523



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



35.5745, 0.3434, 0.4007



63.6941, 0.3500, 0.4174



33.4740, 0.3205, 0.4062



8.6841, 0.3228, 0.3516



24.6795, 0.3792, 0.5371



0.6215, 0.3933, 0.5260

Inverse Universe

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



20.6981, 0.2758, 0.2516



32.1620, 0.2657, 0.2317



22.7699, 0.3016, 0.2572



7.3821, 0.3021, 0.3059



2.4852, 0.1642, 0.0678



0.0827, 0.1977, 0.0863

Previews

White Background



This preview shows how the Yxy color 35.5729, 0.3434, 0.4007 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 35.5729, 0.3434, 0.4007 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

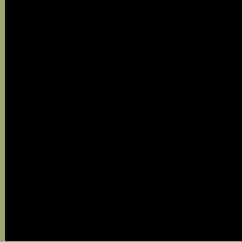
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.5729, 0.3434, 0.4007

Background



This preview shows how black text looks on a background with the Yxy color 35.5729, 0.3434, 0.4007.



This preview shows how white text looks on a background with the Yxy color 35.5729, 0.3434, 0.4007.

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

35.5729, 0.3434, 0.4007

Protanopia

35.6583, 0.3655, 0.3927

Deuteranopia

35.3352, 0.3806, 0.3730



Tritanopia

35.4562, 0.3041, 0.3104

Trichromacy



Original Color

35.5729, 0.3434, 0.4007

Protanomaly

35.6094, 0.3565, 0.3956

Deuteranomaly

35.1813, 0.3671, 0.3820

Tritanomaly

35.5115, 0.3178, 0.3423

Monochromacy



Original Color

35.5729, 0.3434, 0.4007

Achromatopsia

33.7164, 0.3127, 0.3290

Achromatomaly

34.1927, 0.3242, 0.3548

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.5729, 0.3434, 0.4007 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(155, 166, 119)` looks like.

```
.text, #text, p{  
    color:rgb(155, 166, 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(155, 166, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 166, 119) }
```

Border

The CSS property to change the border of an element to Yxy 35.5729, 0.3434, 0.4007 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(155, 166, 119) }
```

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

```
.border{ border-color:rgb(155, 166, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 166, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 166, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 166, 119);  
box-shadow:4px 4px 4px 4px rgb(155, 166,  
119) }
```


Background

The CSS property to change the background color of an element to Yxy 35.5729, 0.3434, 0.4007 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 166, 119) }
```

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

```
.background{ background-color: rgb(155,  
166, 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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