

Converting Colors

$Yxy(34.4737, 0.3510, 0.3718)$

Have a look what the booklet for
Yxy(34.4737, 0.3510, 0.3718)
contains.

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Color

Yxy(34.4737, 0.3510, 0.3718)

Conversions

Conversions Part 1

Format	Color
Hex	A99E81
RGB	169, 158, 129
RGB Percent	66%, 62%, 51%
CMY	0.3374, 0.3803, 0.4942
CMYK	0.00, 0.06, 0.24, 0.34
HSL	44°, 19%, 58%
HSV	44°, 24%, 66%
XYZ	32.5451, 34.4737, 25.7023
YIQ	157.9830, 15.8650, -6.6870

Conversions

Conversions Part 2

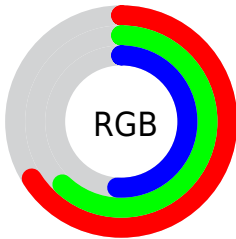
Format	Color
RYB	144, 169, 129
Decimal	11116161
CIELab	65.34, -0.79, 16.63
CIElCh	65, 16.650, 92.721
Yxy	34.4737, 0.3510, 0.3718
Android (android.graphics.Color)	4289306241 (0xFFA99E81)
YUV	157.9830, -14.2886, 9.6619
Hunter-Lab	58.7143, -3.8082, 15.1457

Details

The Yxy color **34.4737, 0.3510, 0.3718** is a light color, and the websafe version is hex **999966**. A complement of this color would be **26.2663, 0.2748, 0.2822**, and the grayscale version is **34.2430, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.9735, 0.3438, 0.3638**, and **14.8076, 0.3619, 0.3853** is the 20% darker color. If you saturate the color by 10%, you get **32.5133, 0.3692, 0.3905**, and if you desaturate by 10%, it is **36.5710, 0.3339, 0.3533**.

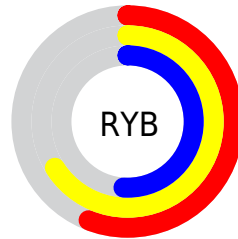
Distribution



Red (66%)

Green (62%)

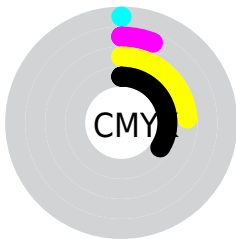
Blue (51%)



Red (56%)

Yellow (66%)

Blue (51%)

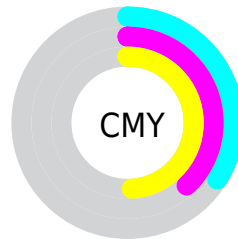


Cyan (0%)

Magenta (6%)

Yellow (24%)

Black (34%)



Cyan (34%)


Magenta (38%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 34.4737, 0.3510, 0.3718 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 34.4737, 0.3510, 0.3718 by changing the saturation by 10% instead.


 34.4737, 0.3510,
0.3718


 34.4737, 0.3510,
0.3718


322.2391, 0.3310,
0.3493


 23.2577, 0.3563,
0.3777


 66.6696, 0.3435,
0.3634

 14.7839, 0.3632,
0.3856


 88.4184, 0.3408,
0.3603

 8.6679, 0.3726,
0.3963


 114.4469, 0.3385,
0.3577

 4.5252, 0.3862,
0.4118

145.1395, 0.3365,
0.3555

 1.9715, 0.4093,
0.4382

180.8807, 0.3348,
0.3537

 0.5908, 0.4786,
0.5214

222.0547, 0.3334,

 0.0000, 0.0000,

0.3520

0.0000

269.0461, 0.3321,
0.3506

■ 34.4737, 0.3510,
0.3718

■ 34.4737, 0.3510,
0.3718

■ 32.5133, 0.3692,
0.3905

■ 36.5710, 0.3339,
0.3533

■ 30.6807, 0.3881,
0.4086

■ 38.8045, 0.3181,
0.3353

■ 28.9730, 0.4072,
0.4254

■ 41.1797, 0.3038,
0.3183

■ 27.3851, 0.4259,
0.4399

■ 43.7000, 0.2907,
0.3024

■ 25.9115, 0.4431,
0.4509

■ 46.3691, 0.2790,
0.2877

■ 24.5460, 0.4582,
0.4576

■ 49.1901, 0.2686,
0.2741

■ 23.2810, 0.4704,
0.4596

■ 52.1664, 0.2592,
0.2616

■ 22.5211, 0.4772,
0.4593

■ 54.6969, 0.2556,
0.2593

■ 56.8032, 0.2564,
0.2649

Harmonies

Analogous

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



34.4737, 0.3630, 0.3580



34.4737, 0.3510, 0.3718



34.4737, 0.3289, 0.3741

Triad

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



34.4737, 0.3510, 0.3718



34.4737, 0.2667, 0.3171



34.4737, 0.3210, 0.2983

Complementary

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



34.4737, 0.3510, 0.3718



26.2663, 0.2748, 0.2822

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.



34.4737, 0.2952, 0.2878



34.4737, 0.3510, 0.3718



34.4737, 0.2647, 0.2975

Square

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



34.4737, 0.3510, 0.3718



34.4737, 0.2805, 0.3414



34.4737, 0.2749, 0.2873



34.4737, 0.3453, 0.3162

Rectangle

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



34.4737, 0.3510, 0.3718



34.4737, 0.3116, 0.3680



34.4737, 0.2749, 0.2873



34.4737, 0.3121, 0.2938

Sweetspot

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



34.4753, 0.3510, 0.3718



68.1136, 0.3235, 0.3415



26.0307, 0.3472, 0.3120



14.7969, 0.3243, 0.3425



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.



34.4753, 0.3510, 0.3718



60.0403, 0.3597, 0.3809



37.4525, 0.3391, 0.3884



8.4212, 0.3268, 0.3453



16.8849, 0.4765, 0.4599



0.4894, 0.4539, 0.4778

Inverse Universe

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



26.2663, 0.2748, 0.2822



42.9367, 0.2663, 0.2711



23.9334, 0.2820, 0.2655



7.6225, 0.2986, 0.3121



3.6867, 0.1602, 0.0966



0.1732, 0.1784, 0.1622

Previews

White Background



This preview shows how the Yxy color 34.4737, 0.3510, 0.3718 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 34.4737, 0.3510, 0.3718 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

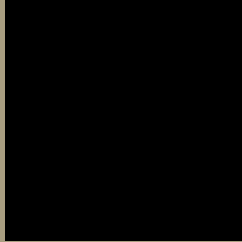
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.4737, 0.3510, 0.3718

Background



This preview shows how black text looks on a background with the Yxy color 34.4737, 0.3510, 0.3718.



This preview shows how white text looks on a background with the Yxy color 34.4737, 0.3510, 0.3718.

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

34.4737, 0.3510, 0.3718

Protanopia

34.3635, 0.3500, 0.3719

Deuteranopia

34.2585, 0.3680, 0.3600



Tritanopia

34.3833, 0.3215, 0.3121

Trichromacy



Original Color

34.4737, 0.3510, 0.3718

Protanomaly

34.3635, 0.3500, 0.3719

Deuteranomaly

34.3066, 0.3619, 0.3633

Tritanomaly

34.4803, 0.3326, 0.3334

Monochromacy



Original Color

34.4737, 0.3510, 0.3718

Achromatopsia

34.1914, 0.3127, 0.3290

Achromatomaly

34.2417, 0.3267, 0.3454

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.4737, 0.3510, 0.3718 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(169, 158, 129)` looks like.

```
.text, #text, p{  
    color:rgb(169, 158, 129)  
}
```

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(169, 158, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 158, 129) }
```

Border

The CSS property to change the border of an element to Yxy 34.4737, 0.3510, 0.3718 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(169, 158, 129) }
```

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

```
.border{ border-color:rgb(169, 158, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 158, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 158, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 158, 129);  
box-shadow:4px 4px 4px 4px rgb(169, 158,  
129) }
```


Background

The CSS property to change the background color of an element to Yxy 34.4737, 0.3510, 0.3718 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 158, 129) }
```

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

```
.background{ background-color: rgb(169,  
158, 129) }
```

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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