

Converting Colors

$Yxy(34.1967, 0.3616, 0.3881)$

Have a look what the booklet for
Yxy(34.1967, 0.3616, 0.3881)
contains.

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Color

Yxy(34.1967, 0.3616, 0.3881)

Conversions

Conversions Part 1

Format	Color
Hex	A99E76
RGB	169, 158, 118
RGB Percent	66%, 62%, 46%
CMY	0.3372, 0.3804, 0.5373
CMYK	0.00, 0.07, 0.30, 0.34
HSL	47°, 23%, 56%
HSV	47°, 30%, 66%
XYZ	31.8617, 34.1967, 22.0547
YIQ	156.7290, 19.3960, -10.1080

Conversions

Conversions Part 2

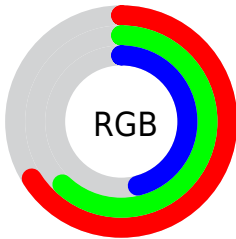
Format	Color
RYB	132, 169, 118
Decimal	11116150
CIELab	65.12, -2.31, 22.40
CIElCh	65, 22.522, 95.899
Yxy	34.1967, 0.3616, 0.3881
Android (android.graphics.Color)	4289306230 (0xFFA99E76)
YUV	156.7290, -19.0934, 10.7617
Hunter-Lab	58.4779, -5.0807, 18.5736

Details

The Yxy color **34.1967, 0.3616, 0.3881** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **22.4178, 0.2627, 0.2619**, and the grayscale version is **33.6709, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.4983, 0.3525, 0.3774**, and **14.6581, 0.3766, 0.4079** is the 20% darker color. If you saturate the color by 10%, you get **32.6048, 0.3793, 0.4077**, and if you desaturate by 10%, it is **35.9007, 0.3444, 0.3681**.

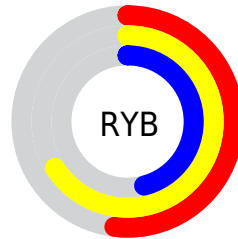
Distribution



Red (66%)

Green (62%)

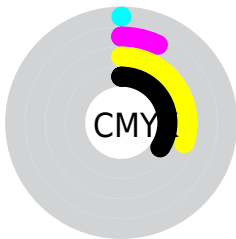
Blue (46%)



Red (52%)

Yellow (66%)

Blue (46%)

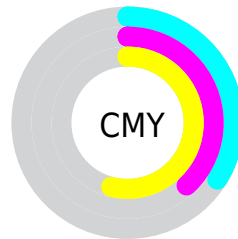


Cyan (0%)

Magenta (7%)

Yellow (30%)

Black (34%)



Cyan (34%)


Magenta (38%)


Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.1967, 0.3616, 0.3881 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 34.1967, 0.3616, 0.3881 by changing the saturation by 10% instead.


 34.1967, 0.3616,
0.3881


 34.1967, 0.3616,
0.3881


321.0082, 0.3362,
0.3571


 23.0448, 0.3682,
0.3963


 66.2394, 0.3522,
0.3765

 14.6266, 0.3767,
0.4070


 87.8990, 0.3487,
0.3722

 8.5577, 0.3881,
0.4215


 113.8299, 0.3458,
0.3687

 4.4538, 0.4039,
0.4421

144.4166, 0.3433,
0.3656

 1.9305, 0.4433,
0.4915

180.0433, 0.3411,
0.3630

 0.5666, 0.4597,
0.5403

221.0946, 0.3393,

 0.0000, 0.0000,

0.3608

0.0000

267.9548, 0.3376,
0.3588

■ 34.1967, 0.3616,
0.3881

■ 34.1967, 0.3616,
0.3881

■ 32.6048, 0.3793,
0.4077

■ 35.9007, 0.3444,
0.3681

■ 31.1162, 0.3971,
0.4262

■ 37.7161, 0.3281,
0.3484

■ 29.7278, 0.4142,
0.4425

■ 39.6480, 0.3130,
0.3294

■ 28.4349, 0.4300,
0.4557

■ 41.6998, 0.2991,
0.3114

■ 27.2316, 0.4436,
0.4649

■ 43.8748, 0.2864,
0.2946

■ 26.1114, 0.4546,
0.4695

■ 46.1762, 0.2750,
0.2790

■ 25.0801, 0.4631,
0.4705

■ 48.6068, 0.2647,
0.2647

■ 51.1696, 0.2554,
0.2516

■ 52.8560, 0.2550,
0.2543

Harmonies

Analogous

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



34.1967, 0.3801, 0.3699



34.1967, 0.3616, 0.3881



34.1967, 0.3304, 0.3902

Triad

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



34.1967, 0.3616, 0.3881



34.1967, 0.2501, 0.3090



34.1967, 0.3274, 0.2902

Complementary

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



34.1967, 0.3616, 0.3881



22.4178, 0.2627, 0.2619

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.



34.1967, 0.2922, 0.2751



34.1967, 0.3616, 0.3881



34.1967, 0.2492, 0.2841

Square

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



34.1967, 0.3616, 0.3881



34.1967, 0.2666, 0.3421



34.1967, 0.2642, 0.2725



34.1967, 0.3600, 0.3144

Rectangle

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



34.1967, 0.3616, 0.3881



34.1967, 0.3071, 0.3808



34.1967, 0.2642, 0.2725



34.1967, 0.3154, 0.2839

Sweetspot

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



34.1983, 0.3616, 0.3881



67.8761, 0.3265, 0.3464



22.9762, 0.3643, 0.3122



14.6914, 0.3287, 0.3491



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.



34.1983, 0.3616, 0.3881



59.3680, 0.3730, 0.4009



36.6172, 0.3429, 0.4065



8.4947, 0.3267, 0.3466



18.7669, 0.4626, 0.4709



0.5234, 0.4458, 0.4842

Inverse Universe

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



22.4178, 0.2627, 0.2619



34.9873, 0.2507, 0.2448



20.7593, 0.2755, 0.2462



7.5535, 0.2986, 0.3108



3.1650, 0.1569, 0.0849



0.1476, 0.1733, 0.1440

Previews

White Background



This preview shows how the Yxy color 34.1967, 0.3616, 0.3881 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 34.1967, 0.3616, 0.3881 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

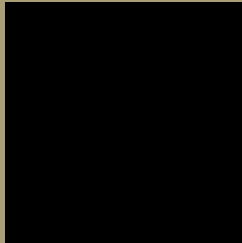
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

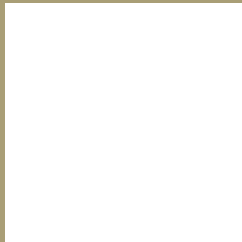
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 34.1967, 0.3616, 0.3881

Background



This preview shows how black text looks on a background with the Yxy color 34.1967, 0.3616, 0.3881.



This preview shows how white text looks on a background with the Yxy color 34.1967, 0.3616, 0.3881.

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

34.1967, 0.3616, 0.3881

Protanopia

34.1967, 0.3616, 0.3881

Deuteranopia

34.2275, 0.3814, 0.3751



Tritanopia

34.1355, 0.3235, 0.3121

Trichromacy



Original Color

34.1967, 0.3616, 0.3881

Protanomaly

34.1967, 0.3616, 0.3881

Deuteranomaly

34.1464, 0.3740, 0.3789

Tritanomaly

33.9884, 0.3377, 0.3392

Monochromacy



Original Color

34.1967, 0.3616, 0.3881

Achromatopsia

33.7164, 0.3127, 0.3290

Achromatomaly

33.6742, 0.3296, 0.3500

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.1967, 0.3616, 0.3881 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, 118)` looks like.

```
.text, #text, p{  
    color:rgb(169, 158, 118)  
}
```

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, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 158, 118) }
```

Border

The CSS property to change the border of an element to Yxy 34.1967, 0.3616, 0.3881 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, 118) }
```

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

```
.border{ border-color:rgb(169, 158, 118) }
```

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, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 158, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 158, 118);  
box-shadow:4px 4px 4px 4px rgb(169, 158,  
118) }
```


Background

The CSS property to change the background color of an element to Yxy 34.1967, 0.3616, 0.3881 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, 118) }
```

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

```
.background{ background-color: rgb(169,  
158, 118) }
```

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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