

Converting Colors

Yxy(34.1690, 0.3687, 0.4000)

Have a look what the booklet for
Yxy(34.1690, 0.3687, 0.4000)
contains.

| | |
|--|----|
| Yxy(34.0145, 0.3691, 0.3998) | 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(34.0145, 0.3691, 0.3998)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | A99E6E |
| RGB | 169, 158, 110 |
| RGB Percent | 66%, 62%, 43% |
| CMY | 0.3373, 0.3804, 0.5686 |
| CMYK | 0.00, 0.07, 0.35, 0.34 |
| HSL | 49°, 26%, 55% |
| HSV | 49°, 35%, 66% |
| XYZ | 31.4026, 34.0145, 19.6617 |
| YIQ | 155.8170, 21.9640, -12.5960 |

Conversions

Conversions Part 2

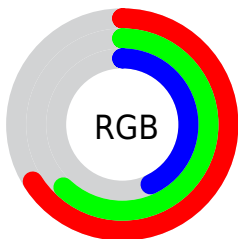
| Format | Color |
|-------------------------------------|--|
| RYB | 124, 169, 110 |
| Decimal | 11116142 |
| CIELab | 64.97, -3.37, 26.57 |
| CIElCh | 65, 26.779, 97.227 |
| Yxy | 34.0145, 0.3691, 0.3998 |
| Android (android.graphics.Color) | 4289306222 (0xFFA99E6E) |
| YUV | 155.8170, -22.5878, 11.5615 |
| Hunter-Lab | 58.3220, -5.9528, 20.8373 |

Details

The Yxy color **34.0145, 0.3691, 0.3998** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **19.8513, 0.2535, 0.2464**, and the grayscale version is **33.2555, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.2047, 0.3582, 0.3865**, and **14.5762, 0.3855, 0.4216** is the 20% darker color. If you saturate the color by 10%, you get **32.6221, 0.3863, 0.4196**, and if you desaturate by 10%, it is **35.5077, 0.3520, 0.3793**.

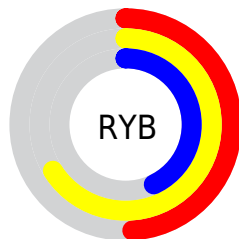
Distribution



Red (66%)

Green (62%)

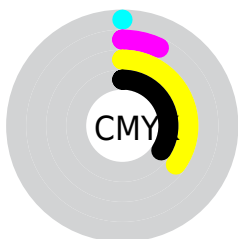
Blue (43%)



Red (49%)

Yellow (66%)

Blue (43%)

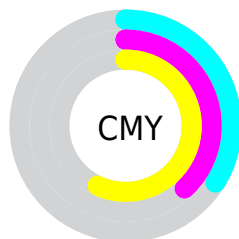


Cyan (0%)

Magenta (7%)

Yellow (35%)

Black (34%)



Cyan (34%)


Magenta (38%)


Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.0145, 0.3691, 0.3998 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 34.0145, 0.3691, 0.3998 by changing the saturation by 10% instead.


 34.0145, 0.3691,
0.3998


 34.0145, 0.3691,
0.3998


320.1967, 0.3400,
0.3626

 22.9047, 0.3765,
0.4095

 65.9562, 0.3584,
0.3859


 14.5232, 0.3860,
0.4222


 87.5570, 0.3544,
0.3808

 8.4854, 0.3985,
0.4391


 113.4235, 0.3510,
0.3765

 4.4071, 0.4150,
0.4626

 143.9402, 0.3481,
0.3729

 1.9038, 0.4682,
0.5318

179.4915, 0.3457,
0.3698

 0.5507, 0.4448,
0.5552

220.4617, 0.3435,

 0.0000, 0.0000,

0.3671

0.0000

267.2353, 0.3416,
0.3647

■ 34.0145, 0.3691,
0.3998

■ 34.0145, 0.3691,
0.3998

■ 32.6221, 0.3863,
0.4196

■ 35.5077, 0.3520,
0.3793

■ 31.3217, 0.4031,
0.4376

■ 37.1009, 0.3355,
0.3586

■ 30.1102, 0.4188,
0.4530


■ 38.7994, 0.3200,
0.3386

■ 28.9824, 0.4326,
0.4648

■ 40.6065, 0.3055,
0.3194

■ 27.9325, 0.4439,
0.4723

■ 42.5255, 0.2922,
0.3013


 26.9532, 0.4525,
0.4753

 44.5594, 0.2801,
0.2845

 26.4732, 0.4563,
0.4759

 46.7112, 0.2692,
0.2691

 48.9836, 0.2593,
0.2549

 50.9139, 0.2543,
0.2488

Harmonies

Analogous

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



34.0145, 0.3923, 0.3781



34.0145, 0.3691, 0.3998



34.0145, 0.3315, 0.4022

Triad

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



34.0145, 0.3691, 0.3998



34.0145, 0.2384, 0.3030



34.0145, 0.3318, 0.2844

Complementary

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



34.0145, 0.3691, 0.3998



19.8513, 0.2535, 0.2464

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.



34.0145, 0.2899, 0.2662



34.0145, 0.3691, 0.3998



34.0145, 0.2383, 0.2745

Square

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



34.0145, 0.3691, 0.3998



34.0145, 0.2568, 0.3426



34.0145, 0.2565, 0.2622



34.0145, 0.3706, 0.3129

Rectangle

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



34.0145, 0.3691, 0.3998



34.0145, 0.3037, 0.3903



34.0145, 0.2565, 0.2622



34.0145, 0.3175, 0.2769

Sweetspot

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



34.0161, 0.3691, 0.3998



67.8654, 0.3280, 0.3491



20.9864, 0.3770, 0.3110



14.7032, 0.3301, 0.3518



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.



34.0161, 0.3691, 0.3998



58.9527, 0.3826, 0.4154



36.1075, 0.3464, 0.4195



8.5327, 0.3266, 0.3472



19.8043, 0.4558, 0.4763



0.5416, 0.4419, 0.4874

Inverse Universe

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



19.8513, 0.2535, 0.2464



29.7099, 0.2385, 0.2240



18.5820, 0.2694, 0.2318



7.5183, 0.2986, 0.3101



2.9442, 0.1555, 0.0797



0.1344, 0.1706, 0.1340

Previews

White Background



This preview shows how the Yxy color 34.0145, 0.3691, 0.3998 looks on a white background.

Color Contrast Check

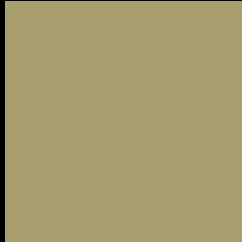
Large Text (above 18pt) WCAG AA × Fail

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 34.0145, 0.3691, 0.3998 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

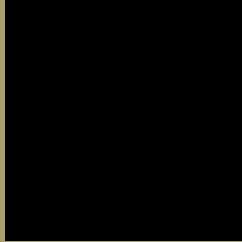
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.0145, 0.3691, 0.3998

Background



This preview shows how black text looks on a background with the Yxy color 34.0145, 0.3691, 0.3998.



This preview shows how white text looks on a background with the Yxy color 34.0145, 0.3691, 0.3998.

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

34.0145, 0.3691, 0.3998

Protanopia

34.1256, 0.3702, 0.3995

Deuteranopia

33.9723, 0.3922, 0.3842



Tritanopia

33.8915, 0.3256, 0.3121

Trichromacy



Original Color

34.0145, 0.3691, 0.3998

Protanomaly

34.1256, 0.3702, 0.3995

Deuteranomaly

34.0827, 0.3830, 0.3899

Tritanomaly

34.0091, 0.3417, 0.3435

Monochromacy



Original Color

34.0145, 0.3691, 0.3998

Achromatopsia

33.2452, 0.3127, 0.3290

Achromatomaly

33.5551, 0.3334, 0.3561

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.0145, 0.3691, 0.3998 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, 110)` looks like.

```
.text, #text, p{  
    color:rgb(169, 158, 110)  
}
```

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, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 158, 110) }
```

Border

The CSS property to change the border of an element to Yxy 34.0145, 0.3691, 0.3998 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, 110) }
```

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

```
.border{ border-color:rgb(169, 158, 110) }
```

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, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 158, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 158, 110);  
box-shadow:4px 4px 4px 4px rgb(169, 158,  
110) }
```


Background

The CSS property to change the background color of an element to Yxy 34.0145, 0.3691, 0.3998 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, 110) }
```

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

```
.background{ background-color: rgb(169,  
158, 110) }
```

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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