

Converting Colors

Yxy(34.2013, 0.3660, 0.3691)

Have a look what the booklet for
Yxy(34.2013, 0.3660, 0.3691)
contains.

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Color

Yxy(34.2013, 0.3660, 0.3691)

Conversions

Conversions Part 1

Format	Color
Hex	B39A7E
RGB	179, 154, 126
RGB Percent	70%, 60%, 49%
CMY	0.2980, 0.3961, 0.5060
CMYK	0.00, 0.14, 0.30, 0.30
HSL	32°, 26%, 60%
HSV	32°, 30%, 70%
XYZ	33.9140, 34.2013, 24.5460
YIQ	158.2830, 23.8880, -3.4080

Conversions

Conversions Part 2

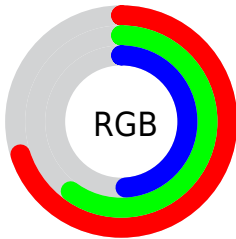
Format	Color
RYB	173, 179, 126
Decimal	11770494
CIELab	65.12, 4.97, 18.14
CIElCh	65, 18.812, 74.673
Yxy	34.2013, 0.3660, 0.3691
Android (android.graphics.Color)	4289960574 (0xFFB39A7E)
YUV	158.2830, -15.9155, 18.1688
Hunter-Lab	58.4819, 1.1701, 16.0521

Details

The Yxy color **34.2013, 0.3660, 0.3691** is a light color, and the websafe version is hex **999966**. A complement of this color would be **29.8230, 0.2659, 0.2852**, and the grayscale version is **34.3937, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.0286, 0.3550, 0.3609**, and **14.5963, 0.3823, 0.3810** is the 20% darker color. If you saturate the color by 10%, you get **31.0911, 0.3883, 0.3831**, and if you desaturate by 10%, it is **37.5935, 0.3459, 0.3551**.

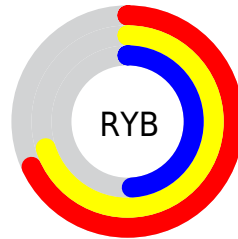
Distribution



Red (70%)

Green (60%)

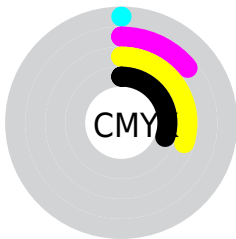
Blue (49%)



Red (68%)

Yellow (70%)

Blue (49%)

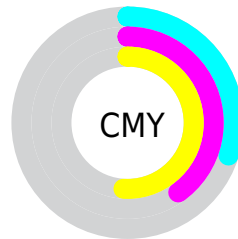


Cyan (0%)

Magenta (14%)

Yellow (30%)

Black (30%)



Cyan (30%)


Magenta (40%)

Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.2013, 0.3660, 0.3691 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 34.2013, 0.3660, 0.3691 by changing the saturation by 10% instead.


 34.2013, 0.3660,
0.3691


 34.2013, 0.3660,
0.3691


321.0287, 0.3379,
0.3484


 23.0483, 0.3734,
0.3744


 66.2466, 0.3555,
0.3615

 14.6292, 0.3833,
0.3812


 87.9076, 0.3516,
0.3586

 8.5595, 0.3967,
0.3904


 113.8402, 0.3484,
0.3563

 4.4550, 0.4162,
0.4030

144.4286, 0.3457,
0.3542

 1.9312, 0.4517,
0.4260

180.0572, 0.3433,
0.3525

 0.5670, 0.5380,
0.4620

221.1105, 0.3413,

 0.0000, 0.0000,

0.3510

0.0000

267.9729, 0.3395,
0.3496

■ 34.2013, 0.3660,
0.3691

■ 34.2013, 0.3660,
0.3691

■ 31.0911, 0.3883,
0.3831

■ 37.5935, 0.3459,
0.3551

■ 28.2498, 0.4126,
0.3964

■ 41.2709, 0.3280,
0.3415

■ 25.6699, 0.4383,
0.4079

■ 45.2427, 0.3122,
0.3285

■ 23.3418, 0.4643,
0.4166

■ 49.5161, 0.2983,
0.3165

■ 21.2551, 0.4894,
0.4213

■ 54.0982, 0.2862,
0.3053

■ 19.3980, 0.5119,
0.4209

■ 58.9957, 0.2756,
0.2950

■ 17.7513, 0.5314,
0.4159

■ 64.2149, 0.2663,
0.2856

■ 17.6932, 0.5321,
0.4157

■ 68.8139, 0.2654,
0.2915

■ 73.4010, 0.2665,
0.3012

Harmonies

Analogous

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



34.2013, 0.3704, 0.3482



34.2013, 0.3660, 0.3691



34.2013, 0.3470, 0.3804

Triad

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



34.2013, 0.3660, 0.3691



34.2013, 0.2687, 0.3318



34.2013, 0.3040, 0.2862

Complementary

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



34.2013, 0.3660, 0.3691



29.8230, 0.2659, 0.2852

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.



34.2013, 0.2779, 0.2808



34.2013, 0.3660, 0.3691



34.2013, 0.2583, 0.3055

Square

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



34.2013, 0.3660, 0.3691



34.2013, 0.2907, 0.3588



34.2013, 0.2616, 0.2873



34.2013, 0.3337, 0.3016

Rectangle

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



34.2013, 0.3660, 0.3691



34.2013, 0.3290, 0.3800



34.2013, 0.2616, 0.2873



34.2013, 0.2946, 0.2831

Sweetspot

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



34.2029, 0.3660, 0.3691



74.2236, 0.3272, 0.3408



26.7573, 0.3464, 0.2925



16.2258, 0.3296, 0.3427



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



34.2029, 0.3660, 0.3691



57.3008, 0.3814, 0.3789



43.2344, 0.3558, 0.4019



9.2235, 0.3274, 0.3410



12.6313, 0.5304, 0.4170



0.5131, 0.4917, 0.4478

Inverse Universe

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



29.8230, 0.2659, 0.2852



48.1047, 0.2544, 0.2729



22.6741, 0.2623, 0.2445



8.8692, 0.2985, 0.3167



6.9572, 0.1753, 0.1509



0.3360, 0.1901, 0.2042

Previews

White Background



This preview shows how the Yxy color 34.2013, 0.3660, 0.3691 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 34.2013, 0.3660, 0.3691 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

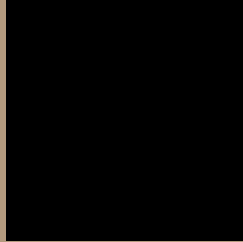
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.2013, 0.3660, 0.3691

Background



This preview shows how black text looks on a background with the Yxy color 34.2013, 0.3660, 0.3691.



This preview shows how white text looks on a background with the Yxy color 34.2013, 0.3660, 0.3691.

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

34.2013, 0.3660, 0.3691

Protanopia

34.3371, 0.3509, 0.3734

Deuteranopia

34.1532, 0.3721, 0.3656



Tritanopia

34.1354, 0.3361, 0.3125

Trichromacy



Original Color

34.2013, 0.3660, 0.3691

Protanomaly

34.4169, 0.3564, 0.3729

Deuteranomaly

34.2339, 0.3696, 0.3673

Tritanomaly

34.2164, 0.3478, 0.3333

Monochromacy



Original Color

34.2013, 0.3660, 0.3691

Achromatopsia

34.1914, 0.3127, 0.3290

Achromatomaly

34.2963, 0.3319, 0.3452

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.2013, 0.3660, 0.3691 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(179, 154, 126)` looks like.

```
.text, #text, p{  
    color:rgb(179, 154, 126)  
}
```

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(179, 154, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 154, 126) }
```

Border

The CSS property to change the border of an element to Yxy 34.2013, 0.3660, 0.3691 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(179, 154, 126) }
```

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

```
.border{ border-color:rgb(179, 154, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 154, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 154, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 154, 126);  
box-shadow:4px 4px 4px 4px rgb(179, 154,  
126) }
```


Background

The CSS property to change the background color of an element to Yxy 34.2013, 0.3660, 0.3691 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 154, 126) }
```

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

```
.background{ background-color: rgb(179,  
154, 126) }
```

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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