

Converting Colors

Yxy(34.3023, 0.3754, 0.4602)

Have a look what the booklet for
Yxy(34.3023, 0.3754, 0.4602)
contains.

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Color

Yxy(34.2184, 0.3759, 0.4605)

Conversions

Conversions Part 1

Format	Color
Hex	99A54D
RGB	153, 165, 77
RGB Percent	60%, 65%, 30%
CMY	0.4000, 0.3529, 0.6980
CMYK	0.07, 0.00, 0.53, 0.35
HSL	68°, 36%, 47%
HSV	68°, 53%, 65%
XYZ	27.9320, 34.2184, 12.1566
YIQ	151.3800, 21.0960, -29.9120

Conversions

Conversions Part 2

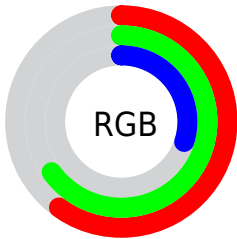
Format	Color
RYB	77, 165, 89
Decimal	10069325
CIELab	65.14, -17.30, 43.58
CIELCh	65, 46.892, 111.649
Yxy	34.2184, 0.3759, 0.4605
Android (android.graphics.Color)	4288259405 (0xFF99A54D)
YUV	151.3800, -36.6693, 1.4207
Hunter-Lab	58.4965, -17.1353, 28.6260

Details

The Yxy color **34.2184, 0.3759, 0.4605** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **10.1519, 0.2240, 0.1676**, and the grayscale version is **31.2738, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.3002, 0.3661, 0.4351**, and **14.5942, 0.3894, 0.5009** is the 20% darker color. If you saturate the color by 10%, you get **33.7986, 0.3844, 0.4811**, and if you desaturate by 10%, it is **34.7045, 0.3656, 0.4372**.

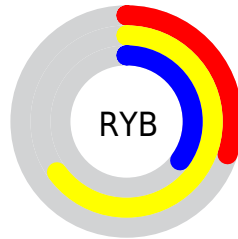
Distribution



Red (60%)

Green (65%)

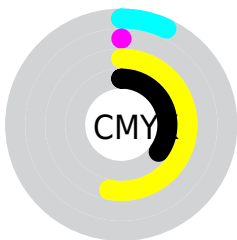
Blue (30%)



Red (30%)

Yellow (65%)

Blue (35%)

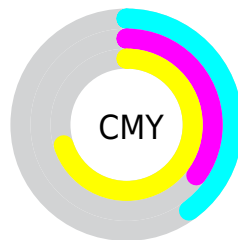


Cyan (7%)

Magenta (0%)

Yellow (53%)

Black (35%)



Cyan (40%)


Magenta (35%)


Yellow (70%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.2184, 0.3759, 0.4605 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 34.2184, 0.3759, 0.4605 by changing the saturation by 10% instead.


 34.2184, 0.3759,
0.4605


 34.2184, 0.3759,
0.4605

321.1048, 0.3459,
0.3907


 23.0614, 0.3820,
0.4784


 66.2732, 0.3658,
0.4346

 14.6389, 0.3886,
0.5013


 87.9397, 0.3617,
0.4250


 8.5663, 0.3947,
0.5306


 113.8783, 0.3582,
0.4169

 4.4594, 0.4113,
0.5887

 144.4732, 0.3551,
0.4101

 1.9337, 0.3858,
0.6142

 180.1090, 0.3523,
0.4042

 0.5685, 0.1720,
0.8280

221.1699, 0.3499,

 0.0000, 0.0000,

0.3991

0.0000

268.0404, 0.3478,
0.3947

■ 34.2184, 0.3759,
0.4605

■ 34.2184, 0.3759,
0.4605

■ 33.7986, 0.3844,
0.4811

■ 34.7045, 0.3656,
0.4372

■ 33.4360, 0.3906,
0.4983

■ 35.2565, 0.3541,
0.4124

■ 33.1268, 0.3944,
0.5112

■ 35.8795, 0.3418,
0.3868

■ 32.8647, 0.3957,
0.5198

■ 36.5772, 0.3292,
0.3615

■ 32.7060, 0.3957,
0.5240

■ 37.3526, 0.3168,
0.3369

■ 38.2088, 0.3047,
0.3136

■ 39.1487, 0.2933,
0.2918

■ 40.1749, 0.2825,
0.2718

■ 41.2902, 0.2726,
0.2534

Harmonies

Analogous

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



34.2184, 0.4318, 0.4288



34.2184, 0.3759, 0.4605



34.2184, 0.3065, 0.4500

Triad

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



34.2184, 0.3759, 0.4605



34.2184, 0.1866, 0.2547



34.2184, 0.3798, 0.2750

Complementary

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



34.2184, 0.3759, 0.4605



10.1519, 0.2240, 0.1676

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.



34.2184, 0.3053, 0.2380



34.2184, 0.3759, 0.4605



34.2184, 0.2006, 0.2239

Square

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



34.2184, 0.3759, 0.4605



34.2184, 0.2003, 0.3142



34.2184, 0.2412, 0.2195



34.2184, 0.4383, 0.3242

Rectangle

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



34.2184, 0.3759, 0.4605



34.2184, 0.2621, 0.4148



34.2184, 0.2412, 0.2195



34.2184, 0.3552, 0.2609

Sweetspot

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



34.2200, 0.3759, 0.4605



65.1187, 0.3330, 0.3689



15.6389, 0.4534, 0.3474



14.1828, 0.3354, 0.3738



82.7571, 0.3127, 0.3290



14.7319, 0.3127, 0.3290

Same Dimension

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



34.2200, 0.3759, 0.4605



60.4003, 0.3857, 0.4846



30.7166, 0.3319, 0.4823



8.1881, 0.3241, 0.3514



24.7572, 0.3959, 0.5238



0.5328, 0.4050, 0.5166

Inverse Universe

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



10.1519, 0.2240, 0.1676



12.6654, 0.2014, 0.1300



12.9926, 0.2758, 0.1878



6.9041, 0.3007, 0.3059



2.2021, 0.1563, 0.0635



0.0589, 0.1804, 0.0768

Previews

White Background



This preview shows how the Yxy color 34.2184, 0.3759, 0.4605 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 34.2184, 0.3759, 0.4605 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

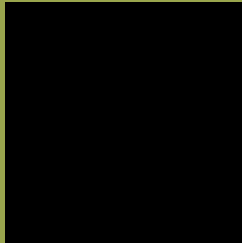
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.2184, 0.3759, 0.4605

Background



This preview shows how black text looks on a background with the Yxy color 34.2184, 0.3759, 0.4605.



This preview shows how white text looks on a background with the Yxy color 34.2184, 0.3759, 0.4605.

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

34.2184, 0.3759, 0.4605

Protanopia

34.0757, 0.4057, 0.4434

Deuteranopia

33.8761, 0.4276, 0.4182



Tritanopia

34.0564, 0.3087, 0.3102

Trichromacy



Original Color

34.2184, 0.3759, 0.4605

Protanomaly

34.2270, 0.3942, 0.4499

Deuteranomaly

33.6056, 0.4084, 0.4321

Tritanomaly

33.9165, 0.3347, 0.3654

Monochromacy



Original Color

34.2184, 0.3759, 0.4605

Achromatopsia

30.9469, 0.3127, 0.3290

Achromatomaly

31.9076, 0.3386, 0.3794

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.2184, 0.3759, 0.4605 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(153, 165, 77)` looks like.

```
.text, #text, p{  
    color:rgb(153, 165, 77)  
}
```

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(153, 165, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 165, 77) }
```

Border

The CSS property to change the border of an element to Yxy 34.2184, 0.3759, 0.4605 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(153, 165, 77) }
```

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

```
.border{ border-color:rgb(153, 165, 77) }
```

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

Here you see how a box with a 4 pixel rgb(153, 165, 77) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 165, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 165, 77);  
box-shadow:4px 4px 4px 4px rgb(153, 165,  
77) }
```


Background

The CSS property to change the background color of an element to Yxy 34.2184, 0.3759, 0.4605 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 165, 77) }
```

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

```
.background{ background-color: rgb(153,  
165, 77) }
```

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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