

Converting Colors

$Yxy(34.0605, 0.3789, 0.4581)$

Have a look what the booklet for
Yxy(34.0605, 0.3789, 0.4581)
contains.

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Color

Yxy(34.0553, 0.3786, 0.4584)

Conversions

Conversions Part 1

Format	Color
Hex	9BA44D
RGB	155, 164, 77
RGB Percent	61%, 64%, 30%
CMY	0.3923, 0.3568, 0.6981
CMYK	0.06, 0.00, 0.53, 0.36
HSL	66°, 36%, 47%
HSV	66°, 53%, 64%
XYZ	28.1268, 34.0553, 12.1095
YIQ	151.3910, 22.5630, -28.9650

Conversions

Conversions Part 2

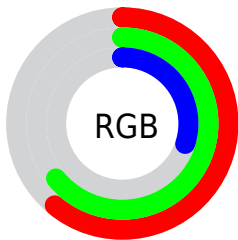
Format	Color
RYB	77, 164, 86
Decimal	10200141
CIELab	65.01, -15.97, 43.49
CIElCh	65, 46.326, 110.167
Yxy	34.0553, 0.3786, 0.4584
Android (android.graphics.Color)	4288390221 (0xFF9BA44D)
YUV	151.3910, -36.6748, 3.1651
Hunter-Lab	58.3569, -16.0913, 28.5467

Details

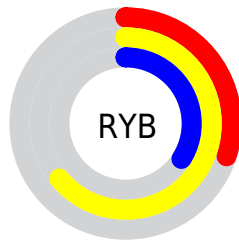
The Yxy color **34.0553, 0.3786, 0.4584** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **9.9675, 0.2217, 0.1675**, and the grayscale version is **31.2748, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.0704, 0.3681, 0.4336**, and **14.4877, 0.3936, 0.4976** is the 20% darker color. If you saturate the color by 10%, you get **33.6861, 0.3877, 0.4785**, and if you desaturate by 10%, it is **34.4884, 0.3677, 0.4356**.

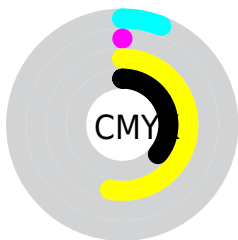
Distribution



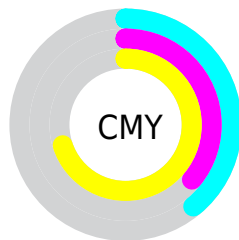
- Red (61%)
- Green (64%)
- Blue (30%)



- Red (30%)
- Yellow (64%)
- Blue (34%)



- Cyan (6%)
- Magenta (0%)
- Yellow (53%)
- Black (36%)



- Cyan (39%)
- Magenta (36%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 34.0553, 0.3786, 0.4584 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 34.0553, 0.3786, 0.4584 by changing the saturation by 10% instead.

34.0553, 0.3786,
0.4584

34.0553, 0.3786,
0.4584

320.3786, 0.3470,
0.3899

22.9361, 0.3852,
0.4759

66.0197, 0.3679,
0.4330

14.5463, 0.3924,
0.4982

87.6336, 0.3636,
0.4236

8.5016, 0.3992,
0.5267

113.5145, 0.3599,
0.4157

4.4176, 0.4170,
0.5830

144.0469, 0.3566,
0.4089

1.9098, 0.3935,
0.6065

179.6151, 0.3538,
0.4032

0.5542, 0.1981,
0.8019

220.6035, 0.3513,

0.0000, 0.0000,

0.3982

0.0000

267.3965, 0.3490,
0.3938

■ 34.0553, 0.3786,
0.4584

■ 34.0553, 0.3786,
0.4584

■ 33.6861, 0.3877,
0.4785

■ 34.4884, 0.3677,
0.4356

■ 33.3717, 0.3946,
0.4950

■ 34.9848, 0.3556,
0.4111

■ 33.1084, 0.3990,
0.5074

■ 35.5496, 0.3427,
0.3859

■ 32.8901, 0.4009,
0.5155

■ 36.1864, 0.3296,
0.3607

■ 32.7551, 0.4013,
0.5195

■ 36.8981, 0.3166,
0.3363

■ 37.6879, 0.3041,
0.3130

■ 38.5585, 0.2922,
0.2912

■ 39.5125, 0.2811,
0.2711

■ 40.5525, 0.2708,
0.2527

Harmonies

Analogous

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



34.0553, 0.4328, 0.4258



34.0553, 0.3786, 0.4584



34.0553, 0.3101, 0.4504

Triad

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



34.0553, 0.3786, 0.4584



34.0553, 0.1877, 0.2578



34.0553, 0.3756, 0.2733

Complementary

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



34.0553, 0.3786, 0.4584



9.9675, 0.2217, 0.1675

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.



34.0553, 0.3019, 0.2374



34.0553, 0.3786, 0.4584



34.0553, 0.2003, 0.2257

Square

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



34.0553, 0.3786, 0.4584



34.0553, 0.2028, 0.3180



34.0553, 0.2393, 0.2201



34.0553, 0.4349, 0.3217

Rectangle

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



34.0553, 0.3786, 0.4584



34.0553, 0.2657, 0.4170



34.0553, 0.2393, 0.2201



34.0553, 0.3511, 0.2596

Sweetspot

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



34.0569, 0.3786, 0.4584



65.2818, 0.3338, 0.3688



15.0362, 0.4550, 0.3428



14.2225, 0.3364, 0.3737



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.



34.0569, 0.3786, 0.4584



61.0028, 0.3894, 0.4824



30.5236, 0.3346, 0.4800



8.1997, 0.3246, 0.3513



25.1219, 0.4015, 0.5194



0.5379, 0.4084, 0.5139

Inverse Universe

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



9.9675, 0.2217, 0.1675



12.4319, 0.1982, 0.1285



12.6702, 0.2723, 0.1871



6.8936, 0.3002, 0.3059



2.1577, 0.1544, 0.0624



0.0552, 0.1736, 0.0730

Previews

White Background



This preview shows how the Yxy color 34.0553, 0.3786, 0.4584 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 34.0553, 0.3786, 0.4584 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

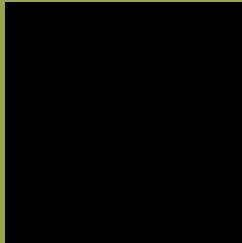
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.0553, 0.3786, 0.4584

Background



This preview shows how black text looks on a background with the Yxy color 34.0553, 0.3786, 0.4584.



This preview shows how white text looks on a background with the Yxy color 34.0553, 0.3786, 0.4584.

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

34.0553, 0.3786, 0.4584

Protanopia

34.0757, 0.4057, 0.4434

Deuteranopia

33.8761, 0.4276, 0.4182



Tritanopia

33.9006, 0.3116, 0.3103

Trichromacy



Original Color

34.0553, 0.3786, 0.4584

Protanomaly

33.9882, 0.3959, 0.4482

Deuteranomaly

33.7252, 0.4095, 0.4317

Tritanomaly

33.7520, 0.3380, 0.3653

Monochromacy



Original Color

34.0553, 0.3786, 0.4584

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 34.0553, 0.3786, 0.4584 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(155, 164, 77)` looks like.

```
.text, #text, p{  
  color:rgb(155, 164, 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(155, 164, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 164, 77) }
```

Border

The CSS property to change the border of an element to Yxy 34.0553, 0.3786, 0.4584 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(155, 164, 77) }
```

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

```
.border{ border-color:rgb(155, 164, 77) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 164, 77)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 164, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 164, 77);  
box-shadow:4px 4px 4px 4px rgb(155, 164,  
77) }
```


Background

The CSS property to change the background color of an element to Yxy 34.0553, 0.3786, 0.4584 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 164, 77) }
```

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

```
.background{ background-color: rgb(155,  
164, 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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