

Converting Colors

$Y_{xy}(34.0092, 0.4021, 0.4817)$

Have a look what the booklet for
Yxy(34.0092, 0.4021, 0.4817)
contains.

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Color

Yxy(34.0105, 0.4021, 0.4817)

Conversions

Conversions Part 1

Format	Color
Hex	A1A333
RGB	161, 163, 51
RGB Percent	63%, 64%, 20%
CMY	0.3687, 0.3607, 0.7998
CMYK	0.01, 0.00, 0.69, 0.36
HSL	61°, 52%, 42%
HSV	61°, 69%, 64%
XYZ	28.3903, 34.0105, 8.2043
YIQ	149.6340, 34.7600, -35.2560

Conversions

Conversions Part 2

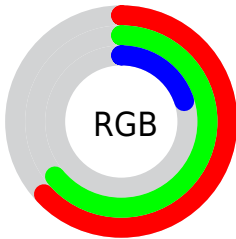
Format	Color
RYB	51, 163, 53
Decimal	10593075
CIELab	64.97, -14.78, 55.13
CIElCh	65, 57.078, 105.009
Yxy	34.0105, 0.4021, 0.4817
Android (android.graphics.Color)	4288783155 (0xFFA1A333)
YUV	149.6340, -48.6266, 9.9680
Hunter-Lab	58.3185, -15.1609, 32.4820

Details

The Yxy color **34.0105, 0.4021, 0.4817** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **5.7744, 0.1842, 0.1147**, and the grayscale version is **30.5361, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.0477, 0.3885, 0.4543**, and **14.6525, 0.4104, 0.5123** is the 20% darker color. If you saturate the color by 10%, you get **33.8619, 0.4091, 0.4942**, and if you desaturate by 10%, it is **34.2128, 0.3927, 0.4653**.

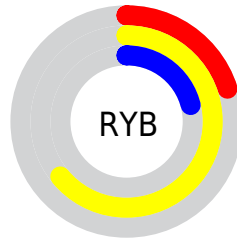
Distribution



Red (63%)

Green (64%)

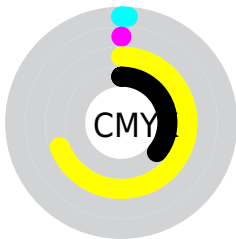
Blue (20%)



Red (20%)

Yellow (64%)

Blue (21%)

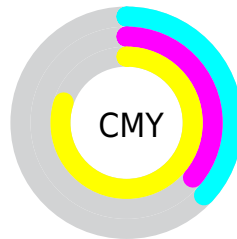


Cyan (1%)

Magenta (0%)

Yellow (69%)

Black (36%)



Cyan (37%)


Magenta (36%)


Yellow (80%)


Brightness & Saturation Gradients


These gradients show how the Yxy color 34.0105, 0.4021, 0.4817 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 34.0105, 0.4021, 0.4817 by changing the saturation by 10% instead.


 34.0105, 0.4021,
0.4817


 34.0105, 0.4021,
0.4817


 320.1789, 0.3607,
0.4033

 22.9017, 0.4097,
0.5000

 65.9500, 0.3887,
0.4537


 14.5209, 0.4170,
0.5219


 87.5494, 0.3831,
0.4429


 8.4839, 0.4252,
0.5513


 113.4146, 0.3782,
0.4338

 4.4061, 0.4224,
0.5776

 143.9297, 0.3738,
0.4259

 1.9032, 0.4006,
0.5994

 179.4794, 0.3700,
0.4191

 0.5503, 0.2277,
0.7723

 220.4478, 0.3665,

 0.0000, 0.0000,

0.4132

0.0000

267.2195, 0.3635,
0.4079

■ 34.0105, 0.4021,
0.4817

■ 34.0105, 0.4021,
0.4817

■ 33.8619, 0.4091,
0.4942

■ 34.2128, 0.3927,
0.4653

■ 33.7566, 0.4136,
0.5024

■ 34.4687, 0.3812,
0.4455

■ 33.6856, 0.4159,
0.5072

■ 34.7841, 0.3682,
0.4231

■ 33.6770, 0.4162,
0.5077

■ 35.1627, 0.3541,
0.3991

■ 35.6080, 0.3396,
0.3744

■ 36.1232, 0.3251,
0.3498

■ 36.7113, 0.3109,
0.3259

■ 37.3752, 0.2974,
0.3032

■ 38.1175, 0.2847,
0.2819

Harmonies

Analogous

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



34.0105, 0.4644, 0.4315



34.0105, 0.4021, 0.4817



34.0105, 0.3209, 0.4881

Triad

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



34.0105, 0.4021, 0.4817



34.0105, 0.1648, 0.2506



34.0105, 0.3738, 0.2533

Complementary

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



34.0105, 0.4021, 0.4817



5.7744, 0.1842, 0.1147

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.



34.0105, 0.2837, 0.2150



34.0105, 0.4021, 0.4817



34.0105, 0.1743, 0.2088

Square

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



34.0105, 0.4021, 0.4817



34.0105, 0.1867, 0.3289



34.0105, 0.2139, 0.1987



34.0105, 0.4535, 0.3073

Rectangle

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



34.0105, 0.4021, 0.4817



34.0105, 0.2665, 0.4538



34.0105, 0.2139, 0.1987



34.0105, 0.3430, 0.2384

Sweetspot

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



34.0121, 0.4021, 0.4817



63.5356, 0.3435, 0.3811



10.5644, 0.5334, 0.3320



14.2222, 0.3473, 0.3876



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.



34.0121, 0.4021, 0.4817



60.5358, 0.4116, 0.4987



29.4499, 0.3441, 0.5186



8.2307, 0.3259, 0.3512



26.1722, 0.4162, 0.5077



0.5518, 0.4174, 0.5068

Inverse Universe

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



5.7744, 0.1842, 0.1147



6.6047, 0.1628, 0.0799



8.2599, 0.2435, 0.1428



6.8658, 0.2989, 0.3058



2.0722, 0.1508, 0.0604



0.0453, 0.1543, 0.0624

Previews

White Background



This preview shows how the Yxy color 34.0105, 0.4021, 0.4817 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 34.0105, 0.4021, 0.4817 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

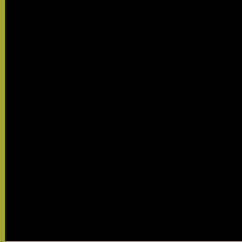
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.0105, 0.4021, 0.4817

Background



This preview shows how black text looks on a background with the Yxy color 34.0105, 0.4021, 0.4817.



This preview shows how white text looks on a background with the Yxy color 34.0105, 0.4021, 0.4817.

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

34.0105, 0.4021, 0.4817

Protanopia

33.9141, 0.4232, 0.4674

Deuteranopia

33.9685, 0.4494, 0.4407



Tritanopia

33.7947, 0.3205, 0.3120

Trichromacy



Original Color

34.0105, 0.4021, 0.4817

Protanomaly

34.0298, 0.4160, 0.4728

Deuteranomaly

33.8994, 0.4322, 0.4557

Tritanomaly

33.4225, 0.3554, 0.3783

Monochromacy



Original Color

34.0105, 0.4021, 0.4817

Achromatopsia

30.4987, 0.3127, 0.3290

Achromatomaly

31.5276, 0.3505, 0.3934

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.0105, 0.4021, 0.4817 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(161, 163, 51)` looks like.

```
.text, #text, p{  
    color:rgb(161, 163, 51)  
}
```

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(161, 163, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 163, 51) }
```

Border

The CSS property to change the border of an element to Yxy 34.0105, 0.4021, 0.4817 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(161, 163, 51) }
```

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

```
.border{ border-color:rgb(161, 163, 51) }
```

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

Here you see how a box with a 4 pixel rgb(161, 163, 51) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 163, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 163, 51);  
box-shadow:4px 4px 4px 4px rgb(161, 163,  
51) }
```


Background

The CSS property to change the background color of an element to Yxy 34.0105, 0.4021, 0.4817 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 163, 51) }
```

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

```
.background{ background-color: rgb(161,  
163, 51) }
```

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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