

Converting Colors

$Yxy(33.9898, 0.3609, 0.4014)$

Have a look what the booklet for
Yxy(33.9898, 0.3609, 0.4014)
contains.

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Color

Yxy(34.0758, 0.3609, 0.4027)

Conversions

Conversions Part 1

Format	Color
Hex	A3A06F
RGB	163, 160, 111
RGB Percent	64%, 63%, 44%
CMY	0.3609, 0.3725, 0.5647
CMYK	0.00, 0.02, 0.32, 0.36
HSL	57°, 22%, 54%
HSV	57°, 32%, 64%
XYZ	30.5388, 34.0758, 20.0038
YIQ	155.3110, 17.5170, -14.6030

Conversions

Conversions Part 2

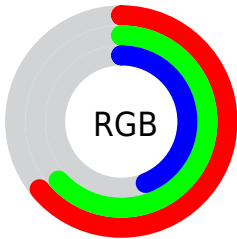
Format	Color
RYB	114, 163, 111
Decimal	10723439
CIELab	65.02, -6.78, 26.00
CIELCh	65, 26.867, 104.612
Yxy	34.0758, 0.3609, 0.4027
Android (android.graphics.Color)	4288913519 (0xFFA3A06F)
YUV	155.3110, -21.8453, 6.7433
Hunter-Lab	58.3745, -8.7726, 20.5446

Details

The Yxy color **34.0758, 0.3609, 0.4027** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **18.0439, 0.2580, 0.2428**, and the grayscale version is **33.0147, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.3053, 0.3522, 0.3884**, and **14.6112, 0.3735, 0.4265** is the 20% darker color. If you saturate the color by 10%, you get **33.4308, 0.3759, 0.4251**, and if you desaturate by 10%, it is **34.7918, 0.3455, 0.3794**.

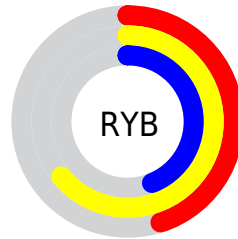
Distribution



Red (64%)

Green (63%)

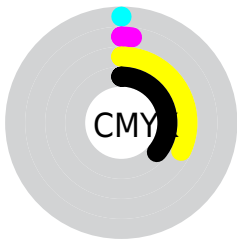
Blue (44%)



Red (45%)

Yellow (64%)

Blue (44%)

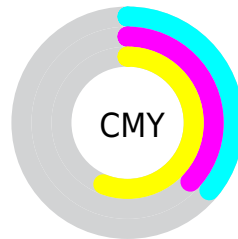


Cyan (0%)

Magenta (2%)

Yellow (32%)

Black (36%)



Cyan (36%)

Magenta (37%)


Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.0758, 0.3609, 0.4027 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 34.0758, 0.3609, 0.4027 by changing the saturation by 10% instead.


 34.0758, 0.3609,
0.4027


 34.0758, 0.3609,
0.4027

 320.4699, 0.3362,
0.3636

 22.9518, 0.3671,
0.4131


 66.0515, 0.3518,
0.3880


 14.5579, 0.3750,
0.4267


 87.6721, 0.3485,
0.3826

 8.5097, 0.3853,
0.4452


 113.5603, 0.3456,
0.3782

 4.4228, 0.3986,
0.4715

 144.1005, 0.3432,
0.3744

 1.9128, 0.4485,
0.5515

 179.6772, 0.3411,
0.3711

 0.5560, 0.3950,
0.6050

 220.6748, 0.3392,

 0.0000, 0.0000,

0.3683

0.0000

267.4775, 0.3376,
0.3658

■ 34.0758, 0.3609,
0.4027

■ 34.0758, 0.3609,
0.4027

■ 33.4308, 0.3759,
0.4251

■ 34.7918, 0.3455,
0.3794

■ 32.8485, 0.3900,
0.4457

■ 35.5774, 0.3302,
0.3561

■ 32.3267, 0.4025,
0.4636

■ 36.4373, 0.3154,
0.3332

■ 31.8609, 0.4130,
0.4780

■ 37.3744, 0.3014,
0.3114


■ 31.4462, 0.4210,
0.4883

■ 38.3913, 0.2883,
0.2909


 31.0767, 0.4264,
0.4944

 39.4907, 0.2762,
0.2718

 30.7992, 0.4295,
0.4972

 40.6751, 0.2652,
0.2542

 41.9468, 0.2551,
0.2382

 43.1355, 0.2475,
0.2261

Harmonies

Analogous

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



34.0758, 0.3887, 0.3849



34.0758, 0.3609, 0.4027



34.0758, 0.3212, 0.3993

Triad

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



34.0758, 0.3609, 0.4027



34.0758, 0.2364, 0.2945



34.0758, 0.3422, 0.2905

Complementary

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



34.0758, 0.3609, 0.4027



18.0439, 0.2580, 0.2428

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.



34.0758, 0.2998, 0.2693



34.0758, 0.3609, 0.4027



34.0758, 0.2410, 0.2697

Square

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



34.0758, 0.3609, 0.4027



34.0758, 0.2505, 0.3324



34.0758, 0.2633, 0.2615



34.0758, 0.3782, 0.3208

Rectangle

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



34.0758, 0.3609, 0.4027



34.0758, 0.2937, 0.3836



34.0758, 0.2633, 0.2615



34.0758, 0.3281, 0.2822

Sweetspot

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



34.0773, 0.3609, 0.4027



63.9988, 0.3277, 0.3521



20.3754, 0.3788, 0.3237



14.3291, 0.3297, 0.3552



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.



34.0773, 0.3609, 0.4027



60.2555, 0.3712, 0.4181



32.9442, 0.3366, 0.4130



8.1680, 0.3263, 0.3500



23.9701, 0.4294, 0.4973



0.5230, 0.4254, 0.5004

Inverse Universe

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



18.0439, 0.2580, 0.2428



27.1283, 0.2443, 0.2208



19.0387, 0.2818, 0.2434



6.9215, 0.2987, 0.3071



2.2343, 0.1513, 0.0647



0.0652, 0.1573, 0.0862

Previews

White Background



This preview shows how the Yxy color 34.0758, 0.3609, 0.4027 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 34.0758, 0.3609, 0.4027 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

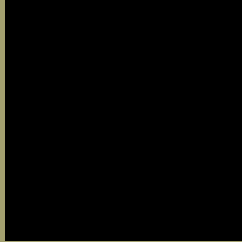
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.0758, 0.3609, 0.4027

Background



This preview shows how black text looks on a background with the Yxy color 34.0758, 0.3609, 0.4027.



This preview shows how white text looks on a background with the Yxy color 34.0758, 0.3609, 0.4027.

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

34.0758, 0.3609, 0.4027

Protanopia

34.1256, 0.3702, 0.3995

Deuteranopia

33.8903, 0.3891, 0.3818



Tritanopia

33.9341, 0.3175, 0.3119

Trichromacy



Original Color

34.0758, 0.3609, 0.4027

Protanomaly

34.1376, 0.3665, 0.4017

Deuteranomaly

33.7460, 0.3788, 0.3892

Tritanomaly

34.0368, 0.3341, 0.3452

Monochromacy



Original Color

34.0758, 0.3609, 0.4027

Achromatopsia

32.7778, 0.3127, 0.3290

Achromatomaly

33.2471, 0.3304, 0.3564

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.0758, 0.3609, 0.4027 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(163, 160, 111)` looks like.

```
.text, #text, p{  
    color:rgb(163, 160, 111)  
}
```

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(163, 160, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 160, 111) }
```

Border

The CSS property to change the border of an element to Yxy 34.0758, 0.3609, 0.4027 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(163, 160, 111) }
```

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

```
.border{ border-color:rgb(163, 160, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 160, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 160, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 160, 111);  
box-shadow:4px 4px 4px 4px rgb(163, 160,  
111) }
```


Background

The CSS property to change the background color of an element to Yxy 34.0758, 0.3609, 0.4027 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 160, 111) }
```

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

```
.background{ background-color: rgb(163,  
160, 111) }
```

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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