

Converting Colors

$Yxy(34.3160, 0.3576, 0.4032)$

Have a look what the booklet for
Yxy(34.3160, 0.3576, 0.4032)
contains.

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Color

Yxy(34.2367, 0.3575, 0.4031)

Conversions

Conversions Part 1

Format	Color
Hex	A1A170
RGB	161, 161, 112
RGB Percent	63%, 63%, 44%
CMY	0.3687, 0.3686, 0.5608
CMYK	0.00, 0.00, 0.30, 0.37
HSL	60°, 21%, 54%
HSV	60°, 30%, 63%
XYZ	30.3637, 34.2367, 20.3331
YIQ	155.4140, 15.7290, -15.2390

Conversions

Conversions Part 2

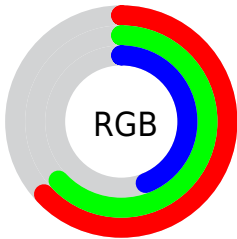
Format	Color
RYB	112, 161, 112
Decimal	10592624
CIELab	65.15, -7.98, 25.60
CIELCh	65, 26.812, 107.319
Yxy	34.2367, 0.3575, 0.4031
Android (android.graphics.Color)	4288782704 (0xFFA1A170)
YUV	155.4140, -21.4031, 4.8989
Hunter-Lab	58.5121, -9.7671, 20.3551

Details

The Yxy color **34.2367, 0.3575, 0.4031** is a light color, and the websafe version is hex **999966**. A complement of this color would be **17.6052, 0.2603, 0.2424**, and the grayscale version is **33.0621, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.3910, 0.3489, 0.3888**, and **14.7620, 0.3713, 0.4289** is the 20% darker color. If you saturate the color by 10%, you get **33.9100, 0.3717, 0.4266**, and if you desaturate by 10%, it is **34.6306, 0.3427, 0.3786**.

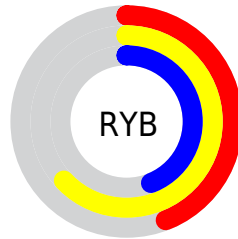
Distribution



Red (63%)

Green (63%)

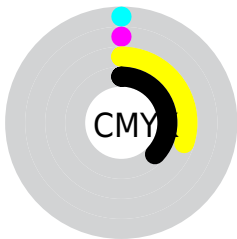
Blue (44%)



Red (44%)

Yellow (63%)

Blue (44%)

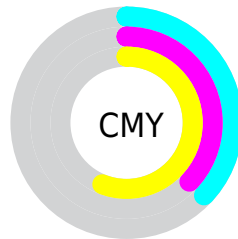


Cyan (0%)

Magenta (0%)

Yellow (30%)

Black (37%)



Cyan (37%)


Magenta (37%)

Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.2367, 0.3575, 0.4031 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 34.2367, 0.3575, 0.4031 by changing the saturation by 10% instead.


 34.2367, 0.3575,
0.4031


 34.2367, 0.3575,
0.4031


321.1862, 0.3346,
0.3637


 23.0755, 0.3632,
0.4136


 66.3016, 0.3491,
0.3883


 14.6493, 0.3705,
0.4275


 87.9741, 0.3460,
0.3829

 8.5736, 0.3798,
0.4464

 113.9191, 0.3434,
0.3783

 4.4641, 0.3919,
0.4734

 144.5210, 0.3411,
0.3745

 1.9364, 0.4370,
0.5526

180.1643, 0.3391,
0.3712

 0.5701, 0.3784,
0.6216

221.2334, 0.3374,

 0.0000, 0.0000,

0.3684

0.0000

268.1125, 0.3359,
0.3659

■ 34.2367, 0.3575,
0.4031

■ 34.2367, 0.3575,
0.4031

■ 33.9100, 0.3717,
0.4266

■ 34.6306, 0.3427,
0.3786

■ 33.6425, 0.3848,
0.4483

■ 35.0903, 0.3279,
0.3541

■ 33.4320, 0.3963,
0.4673

■ 35.6202, 0.3134,
0.3301


■ 33.2743, 0.4056,
0.4827


■ 36.2232, 0.2995,
0.3071

■ 33.1647, 0.4124,
0.4941


■ 36.9018, 0.2864,
0.2855

 33.0977, 0.4168,
0.5013

 37.6586, 0.2743,
0.2655

 33.0611, 0.4192,
0.5053

 38.4959, 0.2632,
0.2471

 39.4161, 0.2531,
0.2304

 40.2985, 0.2449,
0.2169

Harmonies

Analogous

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



34.2367, 0.3866, 0.3869



34.2367, 0.3575, 0.4031



34.2367, 0.3175, 0.3975

Triad

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



34.2367, 0.3575, 0.4031



34.2367, 0.2363, 0.2918



34.2367, 0.3458, 0.2931

Complementary

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



34.2367, 0.3575, 0.4031



17.6052, 0.2603, 0.2424

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.



34.2367, 0.3035, 0.2709



34.2367, 0.3575, 0.4031



34.2367, 0.2426, 0.2685

Square

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



34.2367, 0.3575, 0.4031



34.2367, 0.2487, 0.3287



34.2367, 0.2663, 0.2618



34.2367, 0.3805, 0.3239

Rectangle

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



34.2367, 0.3575, 0.4031



34.2367, 0.2903, 0.3806



34.2367, 0.2663, 0.2618



34.2367, 0.3319, 0.2845

Sweetspot

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



34.2382, 0.3575, 0.4031



62.9481, 0.3260, 0.3510



20.3334, 0.3791, 0.3292



13.7785, 0.3280, 0.3543



80.7346, 0.3127, 0.3290



13.9985, 0.3127, 0.3290

Same Dimension

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



34.2382, 0.3575, 0.4031



60.8712, 0.3679, 0.4203



31.9395, 0.3322, 0.4096



8.2370, 0.3261, 0.3512



26.4009, 0.4192, 0.5053



0.5548, 0.4193, 0.5053

Inverse Universe

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



17.6052, 0.2603, 0.2424



25.9267, 0.2455, 0.2179



19.4353, 0.2873, 0.2486



6.8602, 0.2987, 0.3058



2.0558, 0.1500, 0.0600



0.0433, 0.1502, 0.0601

Previews

White Background



This preview shows how the Yxy color 34.2367, 0.3575, 0.4031 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 34.2367, 0.3575, 0.4031 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

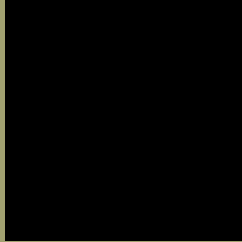
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

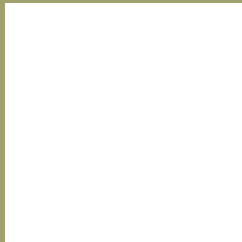
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 34.2367, 0.3575, 0.4031

Background



This preview shows how black text looks on a background with the Yxy color 34.2367, 0.3575, 0.4031.



This preview shows how white text looks on a background with the Yxy color 34.2367, 0.3575, 0.4031.

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

34.2367, 0.3575, 0.4031

Protanopia

34.2593, 0.3703, 0.3978

Deuteranopia

33.9129, 0.3881, 0.3804



Tritanopia

34.1892, 0.3155, 0.3119

Trichromacy



Original Color

34.2367, 0.3575, 0.4031

Protanomaly

34.1595, 0.3656, 0.4002

Deuteranomaly

34.0999, 0.3773, 0.3892

Tritanomaly

34.1886, 0.3309, 0.3453

Monochromacy



Original Color

34.2367, 0.3575, 0.4031

Achromatopsia

32.7778, 0.3127, 0.3290

Achromatomaly

33.1461, 0.3293, 0.3565

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.2367, 0.3575, 0.4031 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, 161, 112)` looks like.

```
.text, #text, p{  
    color:rgb(161, 161, 112)  
}
```

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, 161, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 161, 112) }
```

Border

The CSS property to change the border of an element to Yxy 34.2367, 0.3575, 0.4031 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, 161, 112) }
```

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

```
.border{ border-color:rgb(161, 161, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 161, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 161, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 161, 112);  
box-shadow:4px 4px 4px 4px rgb(161, 161,  
112) }
```


Background

The CSS property to change the background color of an element to Yxy 34.2367, 0.3575, 0.4031 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 161, 112) }
```

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

```
.background{ background-color: rgb(161,  
161, 112) }
```

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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