

Converting Colors

$Yxy(35.1589, 0.3773, 0.4357)$

Have a look what the booklet for
Yxy(35.1589, 0.3773, 0.4357)
contains.

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Color

Yxy(35.1988, 0.3773, 0.4359)

Conversions

Conversions Part 1

Format	Color
Hex	A4A45B
RGB	164, 164, 91
RGB Percent	64%, 64%, 36%
CMY	0.3570, 0.3568, 0.6432
CMYK	0.00, 0.00, 0.45, 0.36
HSL	60°, 29%, 50%
HSV	60°, 45%, 64%
XYZ	30.4669, 35.1988, 15.0840
YIQ	155.6780, 23.4330, -22.7030

Conversions

Conversions Part 2

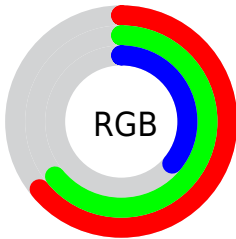
Format	Color
RYB	91, 164, 91
Decimal	10789979
CIELab	65.90, -10.84, 37.73
CIElCh	66, 39.253, 106.033
Yxy	35.1988, 0.3773, 0.4359
Android (android.graphics.Color)	4288980059 (0xFFA4A45B)
YUV	155.6780, -31.8863, 7.2984
Hunter-Lab	59.3286, -12.1603, 26.4558

Details

The Yxy color **35.1988, 0.3773, 0.4359** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **12.3891, 0.2310, 0.1939**, and the grayscale version is **33.2296, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.8618, 0.3656, 0.4148**, and **15.1350, 0.3948, 0.4680** is the 20% darker color. If you saturate the color by 10%, you get **34.9462, 0.3898, 0.4566**, and if you desaturate by 10%, it is **35.5165, 0.3635, 0.4130**.

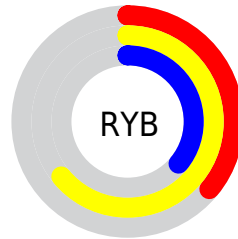
Distribution



Red (64%)

Green (64%)

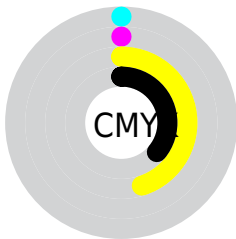
Blue (36%)



Red (36%)

Yellow (64%)

Blue (36%)

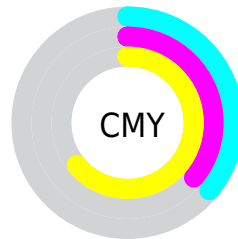


Cyan (0%)

Magenta (0%)

Yellow (45%)

Black (36%)



Cyan (36%)


Magenta (36%)

Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.1988, 0.3773, 0.4359 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 35.1988, 0.3773, 0.4359 by changing the saturation by 10% instead.


 35.1988, 0.3773,
0.4359

 35.1988, 0.3773,
0.4359


325.4450, 0.3454,
0.3798


 23.8161, 0.3846,
0.4503


 67.7936, 0.3660,
0.4151


 15.1972, 0.3934,
0.4687


 89.7745, 0.3617,
0.4074

 8.9579, 0.4035,
0.4927


 116.0569, 0.3580,
0.4009

 4.7137, 0.4172,
0.5285

 147.0251, 0.3547,
0.3954

 2.0803, 0.4263,
0.5737

183.0637, 0.3519,
0.3907

 0.6535, 0.3530,
0.6470

224.5569, 0.3495,

 0.0000, 0.0000,

0.3866

0.0000

271.8892, 0.3473,
0.3830

■ 35.1988, 0.3773,
0.4359

■ 35.1988, 0.3773,
0.4359

■ 34.9462, 0.3898,
0.4566

■ 35.5165, 0.3635,
0.4130

■ 34.7497, 0.4004,
0.4742

■ 35.8982, 0.3488,
0.3888

■ 34.6065, 0.4087,
0.4880

■ 36.3488, 0.3339,
0.3641


■ 34.5113, 0.4146,
0.4977

■ 36.8717, 0.3192,
0.3398

■ 34.4577, 0.4179,
0.5032

■ 37.4696, 0.3050,
0.3163

 34.4372, 0.4192,
0.5054

 38.1455, 0.2916,
0.2941

 38.9021, 0.2791,
0.2734

 39.7418, 0.2676,
0.2543

 40.6671, 0.2570,
0.2369

Harmonies

Analogous

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



35.1988, 0.4195, 0.4077



35.1988, 0.3773, 0.4359



35.1988, 0.3200, 0.4325

Triad

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



35.1988, 0.3773, 0.4359



35.1988, 0.2058, 0.2756



35.1988, 0.3575, 0.2766

Complementary

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



35.1988, 0.3773, 0.4359



12.3891, 0.2310, 0.1939

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.



35.1988, 0.2959, 0.2472



35.1988, 0.3773, 0.4359



35.1988, 0.2134, 0.2436

Square

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



35.1988, 0.3773, 0.4359



35.1988, 0.2230, 0.3293



35.1988, 0.2445, 0.2350



35.1988, 0.4097, 0.3179

Rectangle

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



35.1988, 0.3773, 0.4359



35.1988, 0.2814, 0.4083



35.1988, 0.2445, 0.2350



35.1988, 0.3369, 0.2651

Sweetspot

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



35.2004, 0.3773, 0.4359



66.0775, 0.3320, 0.3610



16.1308, 0.4276, 0.3293



14.4050, 0.3352, 0.3662



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.



35.2004, 0.3773, 0.4359



63.4398, 0.3892, 0.4556



31.8634, 0.3397, 0.4511



8.2370, 0.3261, 0.3512



26.3986, 0.4192, 0.5054



0.5548, 0.4192, 0.5053

Inverse Universe

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



12.3891, 0.2310, 0.1939



16.8627, 0.2111, 0.1609



14.7131, 0.2717, 0.2074



6.8602, 0.2987, 0.3058



2.0559, 0.1501, 0.0600



0.0433, 0.1502, 0.0601

Previews

White Background



This preview shows how the Yxy color 35.1988, 0.3773, 0.4359 looks on a white background.

Color Contrast Check

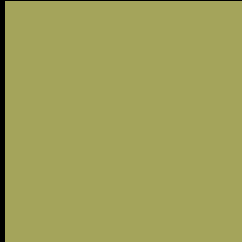
Large Text (above 18pt) WCAG AA × Fail

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 35.1988, 0.3773, 0.4359 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

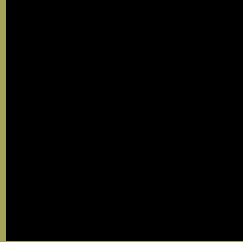
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.1988, 0.3773, 0.4359

Background



This preview shows how black text looks on a background with the Yxy color 35.1988, 0.3773, 0.4359.



This preview shows how white text looks on a background with the Yxy color 35.1988, 0.3773, 0.4359.

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

35.1988, 0.3773, 0.4359

Protanopia

35.1099, 0.3933, 0.4272

Deuteranopia

35.1927, 0.4148, 0.4064



Tritanopia

35.0034, 0.3184, 0.3121

Trichromacy



Original Color

35.1988, 0.3773, 0.4359

Protanomaly

34.9986, 0.3884, 0.4301

Deuteranomaly

35.0946, 0.4012, 0.4166

Tritanomaly

34.7528, 0.3414, 0.3569

Monochromacy



Original Color

35.1988, 0.3773, 0.4359

Achromatopsia

33.2452, 0.3127, 0.3290

Achromatomaly

33.8331, 0.3375, 0.3701

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.1988, 0.3773, 0.4359 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(164, 164, 91)` looks like.

```
.text, #text, p{  
    color:rgb(164, 164, 91)  
}
```

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(164, 164, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 164, 91) }
```

Border

The CSS property to change the border of an element to Yxy 35.1988, 0.3773, 0.4359 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(164, 164, 91) }
```

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

```
.border{ border-color:rgb(164, 164, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 164, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 164, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 164, 91);  
box-shadow:4px 4px 4px 4px rgb(164, 164,  
91) }
```


Background

The CSS property to change the background color of an element to Yxy 35.1988, 0.3773, 0.4359 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 164, 91) }
```

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

```
.background{ background-color: rgb(164,  
164, 91) }
```

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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