

Converting Colors

$Yxy(35.9672, 0.3759, 0.4438)$

Have a look what the booklet for
Yxy(35.9672, 0.3759, 0.4438)
contains.

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Color

Yxy(36.0234, 0.3759, 0.4443)

Conversions

Conversions Part 1

Format	Color
Hex	A2A758
RGB	162, 167, 88
RGB Percent	64%, 65%, 35%
CMY	0.3648, 0.3451, 0.6549
CMYK	0.03, 0.00, 0.47, 0.35
HSL	64°, 31%, 50%
HSV	64°, 47%, 65%
XYZ	30.4776, 36.0234, 14.5780
YIQ	156.4990, 22.3790, -25.6290

Conversions

Conversions Part 2

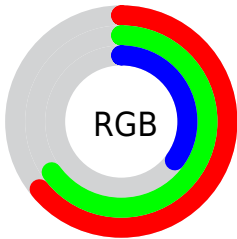
Format	Color
RYB	88, 167, 93
Decimal	10659672
CIELab	66.54, -13.54, 39.99
CIELCh	67, 42.220, 108.701
Yxy	36.0234, 0.3759, 0.4443
Android (android.graphics.Color)	4288849752 (0xFFA2A758)
YUV	156.4990, -33.7700, 4.8244
Hunter-Lab	60.0195, -14.3927, 27.6128

Details

The Yxy color **36.0234, 0.3759, 0.4443** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **12.0975, 0.2298, 0.1856**, and the grayscale version is **33.6265, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.0414, 0.3649, 0.4215**, and **15.6592, 0.3912, 0.4784** is the 20% darker color. If you saturate the color by 10%, you get **35.6684, 0.3868, 0.4653**, and if you desaturate by 10%, it is **36.4460, 0.3635, 0.4210**.

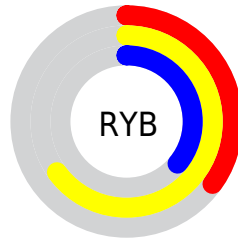
Distribution



Red (64%)

Green (65%)

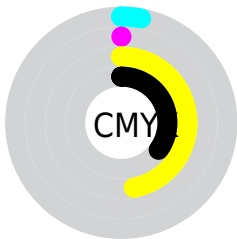
Blue (35%)



Red (35%)

Yellow (65%)

Blue (36%)

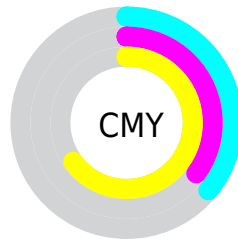


Cyan (3%)

Magenta (0%)

Yellow (47%)

Black (35%)



Cyan (36%)


Magenta (35%)


Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.0234, 0.3759, 0.4443 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 36.0234, 0.3759, 0.4443 by changing the saturation by 10% instead.


 36.0234, 0.3759,
0.4443


 36.0234, 0.3759,
0.4443


329.0628, 0.3452,
0.3838


 24.4523, 0.3827,
0.4598


 69.0682, 0.3653,
0.4219


 15.6695, 0.3905,
0.4795


 91.3106, 0.3611,
0.4136


 9.2906, 0.3991,
0.5051


 117.8790, 0.3575,
0.4066

 4.9312, 0.4111,
0.5444

 149.1576, 0.3544,
0.4007

 2.2069, 0.4121,
0.5879

 185.5309, 0.3517,
0.3956

 0.7238, 0.3306,
0.6694

227.3832, 0.3493,

 0.0000, 0.0000,

0.3911

0.0000

275.0991, 0.3471,
0.3872

■ 36.0234, 0.3759,
0.4443

■ 36.0234, 0.3759,
0.4443

■ 35.6684, 0.3868,
0.4653

■ 36.4460, 0.3635,
0.4210

■ 35.3718, 0.3957,
0.4832

■ 36.9352, 0.3501,
0.3963

■ 35.1302, 0.4023,
0.4971

■ 37.4964, 0.3363,
0.3713

■ 34.9378, 0.4063,
0.5069

■ 38.1330, 0.3226,
0.3465

■ 34.7857, 0.4080,
0.5126

■ 38.8481, 0.3092,
0.3227

■ 34.7472, 0.4083,
0.5140

■ 39.6447, 0.2964,
0.3002

■ 40.5257, 0.2844,
0.2792

■ 41.4937, 0.2733,
0.2599

■ 42.5514, 0.2631,
0.2422

Harmonies

Analogous

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



36.0234, 0.4232, 0.4155



36.0234, 0.3759, 0.4443



36.0234, 0.3144, 0.4377

Triad

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



36.0234, 0.3759, 0.4443



36.0234, 0.1992, 0.2677



36.0234, 0.3661, 0.2768

Complementary

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



36.0234, 0.3759, 0.4443



12.0975, 0.2298, 0.1856

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.



36.0234, 0.3003, 0.2445



36.0234, 0.3759, 0.4443



36.0234, 0.2095, 0.2365

Square

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



36.0234, 0.3759, 0.4443



36.0234, 0.2148, 0.3231



36.0234, 0.2443, 0.2298



36.0234, 0.4200, 0.3210

Rectangle

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



36.0234, 0.3759, 0.4443



36.0234, 0.2738, 0.4095



36.0234, 0.2443, 0.2298



36.0234, 0.3442, 0.2644

Sweetspot

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



36.0250, 0.3759, 0.4443



67.4791, 0.3321, 0.3636



16.5661, 0.4358, 0.3355



15.0493, 0.3350, 0.3688



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

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



36.0250, 0.3759, 0.4443



63.8299, 0.3875, 0.4667



32.5973, 0.3371, 0.4611



8.7492, 0.3253, 0.3514



26.5936, 0.4084, 0.5139



0.6540, 0.4123, 0.5108

Inverse Universe

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



12.0975, 0.2298, 0.1856



15.6314, 0.2080, 0.1492



14.6307, 0.2730, 0.2008



7.3225, 0.2996, 0.3057



2.1957, 0.1525, 0.0614



0.0603, 0.1640, 0.0677

Previews

White Background



This preview shows how the Yxy color 36.0234, 0.3759, 0.4443 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 36.0234, 0.3759, 0.4443 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

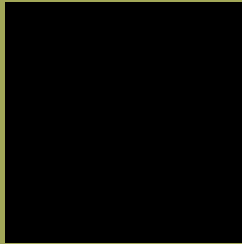
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.0234, 0.3759, 0.4443

Background



This preview shows how black text looks on a background with the Yxy color 36.0234, 0.3759, 0.4443.



This preview shows how white text looks on a background with the Yxy color 36.0234, 0.3759, 0.4443.

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

36.0234, 0.3759, 0.4443

Protanopia

35.9775, 0.3974, 0.4337

Deuteranopia

35.7369, 0.4188, 0.4104



Tritanopia

36.0139, 0.3145, 0.3122

Trichromacy



Original Color

36.0234, 0.3759, 0.4443

Protanomaly

36.0097, 0.3889, 0.4375

Deuteranomaly

35.7248, 0.4024, 0.4227

Tritanomaly

35.7080, 0.3388, 0.3597

Monochromacy



Original Color

36.0234, 0.3759, 0.4443

Achromatopsia

33.2452, 0.3127, 0.3290

Achromatomaly

34.0494, 0.3372, 0.3732

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.0234, 0.3759, 0.4443 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(162, 167, 88)` looks like.

```
.text, #text, p{  
    color:rgb(162, 167, 88)  
}
```

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(162, 167, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 167, 88) }
```

Border

The CSS property to change the border of an element to Yxy 36.0234, 0.3759, 0.4443 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(162, 167, 88) }
```

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

```
.border{ border-color:rgb(162, 167, 88) }
```

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

Here you see how a box with a 4 pixel rgb(162, 167, 88) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 167, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 167, 88);  
box-shadow:4px 4px 4px 4px rgb(162, 167,  
88) }
```


Background

The CSS property to change the background color of an element to Yxy 36.0234, 0.3759, 0.4443 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 167, 88) }
```

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

```
.background{ background-color: rgb(162,  
167, 88) }
```

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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