

Converting Colors

$Yxy(35.1167, 0.3757, 0.4298)$

Have a look what the booklet for
Yxy(35.1167, 0.3757, 0.4298)
contains.

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Color

Yxy(35.0199, 0.3757, 0.4288)

Conversions

Conversions Part 1

Format	Color
Hex	A5A35F
RGB	165, 163, 95
RGB Percent	65%, 64%, 37%
CMY	0.3528, 0.3608, 0.6275
CMYK	0.00, 0.01, 0.42, 0.35
HSL	58°, 28%, 51%
HSV	58°, 42%, 65%
XYZ	30.6832, 35.0199, 15.9664
YIQ	155.8460, 23.0200, -20.7240

Conversions

Conversions Part 2

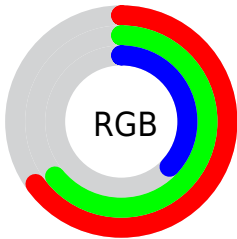
Format	Color
RYB	97, 165, 95
Decimal	10855263
CIELab	65.76, -9.43, 35.51
CIELCh	66, 36.739, 104.880
Yxy	35.0199, 0.3757, 0.4288
Android (android.graphics.Color)	4289045343 (0xFFA5A35F)
YUV	155.8460, -29.9971, 8.0281
Hunter-Lab	59.1776, -11.0096, 25.4276

Details

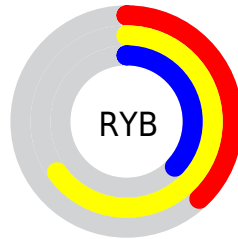
The Yxy color **35.0199, 0.3757, 0.4288** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **13.7029, 0.2360, 0.2048**, and the grayscale version is **33.3038, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.6215, 0.3640, 0.4092**, and **15.0109, 0.3936, 0.4594** is the 20% darker color. If you saturate the color by 10%, you get **34.5832, 0.3891, 0.4497**, and if you desaturate by 10%, it is **35.5240, 0.3612, 0.4060**.

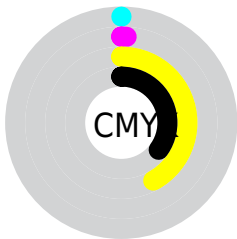
Distribution



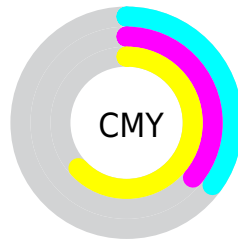
- Red (65%)
- Green (64%)
- Blue (37%)



- Red (38%)
- Yellow (65%)
- Blue (37%)



- Cyan (0%)
- Magenta (1%)
- Yellow (42%)
- Black (35%)





- Cyan (35%)
- Magenta (36%)
- Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.0199, 0.3757, 0.4288 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 35.0199, 0.3757, 0.4288 by changing the saturation by 10% instead.


 35.0199, 0.3757,
0.4288


 35.0199, 0.3757,
0.4288


324.6562, 0.3442,
0.3764

 23.6782, 0.3831,
0.4423


 67.5166, 0.3645,
0.4093

 15.0951, 0.3921,
0.4597


 89.4404, 0.3602,
0.4021

 8.8861, 0.4028,
0.4825


 115.6603, 0.3565,
0.3961

 4.6670, 0.4164,
0.5149

 146.5608, 0.3534,
0.3910

 2.0532, 0.4341,
0.5659

182.5263, 0.3506,
0.3865

 0.6381, 0.3709,
0.6291

223.9410, 0.3482,

 0.0000, 0.0000,

0.3827

0.0000

271.1895, 0.3461,
0.3794

■ 35.0199, 0.3757,
0.4288

■ 35.0199, 0.3757,
0.4288

■ 34.5832, 0.3891,
0.4497

■ 35.5240, 0.3612,
0.4060

■ 34.2051, 0.4009,
0.4677

■ 36.0944, 0.3461,
0.3822

■ 33.8826, 0.4105,
0.4821

■ 36.7362, 0.3310,
0.3582

■ 33.6105, 0.4176,
0.4924

■ 37.4524, 0.3162,
0.3346

■ 33.3829, 0.4221,
0.4985

■ 38.2462, 0.3021,
0.3120

■ 33.2295, 0.4244,
0.5012

■ 39.1203, 0.2889,
0.2908

■ 40.0773, 0.2767,
0.2710

■ 41.1199, 0.2655,
0.2528

■ 42.2505, 0.2552,
0.2362

Harmonies

Analogous

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



35.0199, 0.4143, 0.4022



35.0199, 0.3757, 0.4288



35.0199, 0.3222, 0.4263

Triad

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



35.0199, 0.3757, 0.4288



35.0199, 0.2120, 0.2808



35.0199, 0.3526, 0.2783

Complementary

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



35.0199, 0.3757, 0.4288



13.7029, 0.2360, 0.2048

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.



35.0199, 0.2950, 0.2509



35.0199, 0.3757, 0.4288



35.0199, 0.2182, 0.2494

Square

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



35.0199, 0.3757, 0.4288



35.0199, 0.2294, 0.3318



35.0199, 0.2470, 0.2401



35.0199, 0.4022, 0.3172

Rectangle

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



35.0199, 0.3757, 0.4288



35.0199, 0.2856, 0.4045



35.0199, 0.2470, 0.2401



35.0199, 0.3333, 0.2676

Sweetspot

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



35.0215, 0.3757, 0.4288



65.6734, 0.3322, 0.3601



17.0541, 0.4160, 0.3256



14.3026, 0.3353, 0.3651



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.



35.0215, 0.3757, 0.4288



61.9525, 0.3885, 0.4487



32.6785, 0.3410, 0.4441



8.2019, 0.3262, 0.3506



25.1433, 0.4243, 0.5013



0.5385, 0.4224, 0.5028

Inverse Universe

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



13.7029, 0.2360, 0.2048



18.6165, 0.2161, 0.1722



15.4644, 0.2713, 0.2126



6.8913, 0.2987, 0.3065



2.1465, 0.1507, 0.0624



0.0544, 0.1538, 0.0737

Previews

White Background



This preview shows how the Yxy color 35.0199, 0.3757, 0.4288 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 35.0199, 0.3757, 0.4288 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

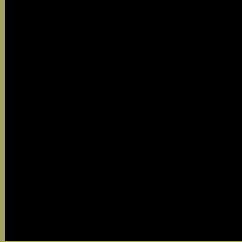
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.0199, 0.3757, 0.4288

Background



This preview shows how black text looks on a background with the Yxy color 35.0199, 0.3757, 0.4288.



This preview shows how white text looks on a background with the Yxy color 35.0199, 0.3757, 0.4288.

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

35.0199, 0.3757, 0.4288

Protanopia

35.0637, 0.3888, 0.4225

Deuteranopia

34.6570, 0.4106, 0.4022



Tritanopia

35.1169, 0.3194, 0.3122

Trichromacy



Original Color

35.0199, 0.3757, 0.4288

Protanomaly

34.9558, 0.3840, 0.4253

Deuteranomaly

34.6887, 0.3981, 0.4119

Tritanomaly

34.9229, 0.3405, 0.3538

Monochromacy



Original Color

35.0199, 0.3757, 0.4288

Achromatopsia

33.2452, 0.3127, 0.3290

Achromatomaly

33.8884, 0.3357, 0.3670

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.0199, 0.3757, 0.4288 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(165, 163, 95)` looks like.

```
.text, #text, p{  
    color:rgb(165, 163, 95)  
}
```

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(165, 163, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 163, 95) }
```

Border

The CSS property to change the border of an element to Yxy 35.0199, 0.3757, 0.4288 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(165, 163, 95) }
```

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

```
.border{ border-color:rgb(165, 163, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 163, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 163, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 163, 95);  
box-shadow:4px 4px 4px 4px rgb(165, 163,  
95) }
```


Background

The CSS property to change the background color of an element to Yxy 35.0199, 0.3757, 0.4288 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 163, 95) }
```

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

```
.background{ background-color: rgb(165,  
163, 95) }
```

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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