

Converting Colors

$Yxy(35.6521, 0.3682, 0.4194)$

Have a look what the booklet for
Yxy(35.6521, 0.3682, 0.4194)
contains.

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Color

Yxy(35.5295, 0.3683, 0.4189)

Conversions

Conversions Part 1

Format	Color
Hex	A5A467
RGB	165, 164, 103
RGB Percent	65%, 64%, 40%
CMY	0.3530, 0.3568, 0.5960
CMYK	0.00, 0.01, 0.38, 0.35
HSL	59°, 26%, 53%
HSV	59°, 38%, 65%
XYZ	31.2378, 35.5295, 18.0489
YIQ	157.3450, 20.1770, -18.7590

Conversions

Conversions Part 2

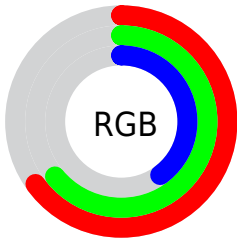
Format	Color
RYB	104, 165, 103
Decimal	10855527
CIELab	66.16, -9.08, 31.79
CIElCh	66, 33.060, 105.944
Yxy	35.5295, 0.3683, 0.4189
Android (android.graphics.Color)	4289045607 (0xFFA5A467)
YUV	157.3450, -26.7921, 6.7134
Hunter-Lab	59.6066, -10.7658, 23.7716

Details

The Yxy color **35.5295, 0.3683, 0.4189** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **15.4989, 0.2459, 0.2199**, and the grayscale version is **33.9969, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.4017, 0.3582, 0.4013**, and **15.3089, 0.3833, 0.4457** is the 20% darker color. If you saturate the color by 10%, you get **35.1398, 0.3821, 0.4410**, and if you desaturate by 10%, it is **35.9880, 0.3536, 0.3953**.

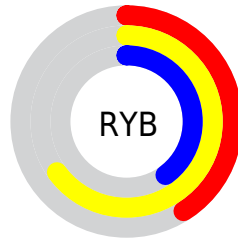
Distribution



Red (65%)

Green (64%)

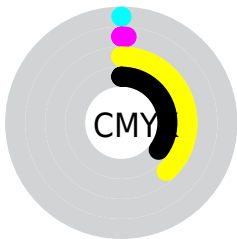
Blue (40%)



Red (41%)

Yellow (65%)

Blue (40%)

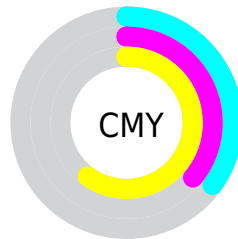


Cyan (0%)

Magenta (1%)

Yellow (38%)

Black (35%)



Cyan (35%)


Magenta (36%)


Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.5295, 0.3683, 0.4189 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 35.5295, 0.3683, 0.4189 by changing the saturation by 10% instead.


 35.5295, 0.3683,
0.4189


 35.5295, 0.3683,
0.4189


326.8994, 0.3404,
0.3716


 24.0710, 0.3750,
0.4312


 68.3052, 0.3583,
0.4013


 15.3863, 0.3833,
0.4472


 90.3913, 0.3545,
0.3948

 9.0910, 0.3935,
0.4686


 116.7887, 0.3512,
0.3893

 4.8006, 0.4057,
0.4978

 147.8818, 0.3484,
0.3847

 2.1307, 0.4368,
0.5632

184.0551, 0.3460,
0.3807

 0.6818, 0.3847,
0.6153

225.6928, 0.3439,

 0.0000, 0.0000,

0.3773

0.0000

273.1794, 0.3420,
0.3743

■ 35.5295, 0.3683,
0.4189

■ 35.5295, 0.3683,
0.4189

■ 35.1398, 0.3821,
0.4410

■ 35.9880, 0.3536,
0.3953

■ 34.8102, 0.3944,
0.4607

■ 36.5139, 0.3386,
0.3710

■ 34.5380, 0.4048,
0.4771


■ 37.1123, 0.3237,
0.3468

■ 34.3185, 0.4128,
0.4895


■ 37.7861, 0.3092,
0.3234

■ 34.1459, 0.4182,
0.4977

■ 38.5383, 0.2956,
0.3011


 34.0113, 0.4214,
0.5022

 39.3717, 0.2828,
0.2802

 33.9802, 0.4220,
0.5031

 40.2887, 0.2710,
0.2610

 41.2921, 0.2602,
0.2433

 42.3840, 0.2504,
0.2273

Harmonies

Analogous

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



35.5295, 0.4033, 0.3967



35.5295, 0.3683, 0.4189



35.5295, 0.3200, 0.4146

Triad

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



35.5295, 0.3683, 0.4189



35.5295, 0.2213, 0.2848



35.5295, 0.3505, 0.2843

Complementary

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



35.5295, 0.3683, 0.4189



15.4989, 0.2459, 0.2199

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.



35.5295, 0.2988, 0.2588



35.5295, 0.3683, 0.4189



35.5295, 0.2278, 0.2567

Square

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



35.5295, 0.3683, 0.4189



35.5295, 0.2367, 0.3302



35.5295, 0.2548, 0.2485



35.5295, 0.3939, 0.3202

Rectangle

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



35.5295, 0.3683, 0.4189



35.5295, 0.2871, 0.3946



35.5295, 0.2548, 0.2485



35.5295, 0.3333, 0.2744

Sweetspot

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



35.5311, 0.3683, 0.4189



66.0804, 0.3291, 0.3556



18.7023, 0.4006, 0.3276



14.4165, 0.3310, 0.3586



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.



35.5311, 0.3683, 0.4189



63.0663, 0.3798, 0.4374



33.0349, 0.3373, 0.4302



8.2182, 0.3262, 0.3509



25.7219, 0.4220, 0.5031



0.5460, 0.4210, 0.5040

Inverse Universe

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



15.4989, 0.2459, 0.2199



21.9716, 0.2285, 0.1913



17.4045, 0.2784, 0.2274



6.8768, 0.2987, 0.3061



2.1043, 0.1504, 0.0613



0.0492, 0.1521, 0.0675

Previews

White Background



This preview shows how the Yxy color 35.5295, 0.3683, 0.4189 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 35.5295, 0.3683, 0.4189 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

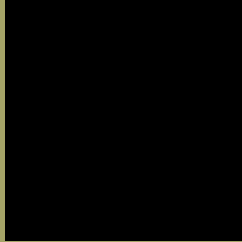
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

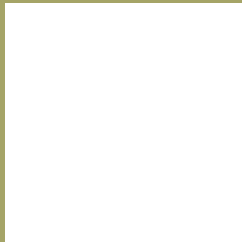
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 35.5295, 0.3683, 0.4189

Background



This preview shows how black text looks on a background with the Yxy color 35.5295, 0.3683, 0.4189.



This preview shows how white text looks on a background with the Yxy color 35.5295, 0.3683, 0.4189.

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

35.5295, 0.3683, 0.4189

Protanopia

35.5630, 0.3813, 0.4131

Deuteranopia

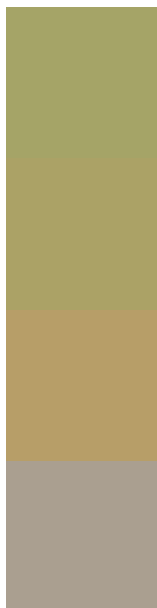
35.4686, 0.4016, 0.3946



Tritanopia

35.4883, 0.3184, 0.3122

Trichromacy



Original Color

35.5295, 0.3683, 0.4189

Protanomaly

35.4579, 0.3765, 0.4157

Deuteranomaly

35.5205, 0.3896, 0.4040

Tritanomaly

35.3559, 0.3375, 0.3508

Monochromacy



Original Color

35.5295, 0.3683, 0.4189

Achromatopsia

33.7164, 0.3127, 0.3290

Achromatomaly

34.4213, 0.3337, 0.3637

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.5295, 0.3683, 0.4189 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, 164, 103)` looks like.

```
.text, #text, p{  
    color:rgb(165, 164, 103)  
}
```

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, 164, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 164, 103) }
```

Border

The CSS property to change the border of an element to Yxy 35.5295, 0.3683, 0.4189 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, 164, 103) }
```

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

```
.border{ border-color:rgb(165, 164, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 164, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 164, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 164, 103);  
box-shadow:4px 4px 4px 4px rgb(165, 164,  
103) }
```


Background

The CSS property to change the background color of an element to Yxy 35.5295, 0.3683, 0.4189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 164, 103) }
```

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

```
.background{ background-color: rgb(165,  
164, 103) }
```

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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