

Converting Colors

$Yxy(35.3999, 0.3977, 0.4259)$

Have a look what the booklet for
Yxy(35.3999, 0.3977, 0.4259)
contains.

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Color

Yxy(35.5831, 0.3975, 0.4256)

Conversions

Conversions Part 1

Format	Color
Hex	B4A05A
RGB	180, 160, 90
RGB Percent	71%, 63%, 35%
CMY	0.2942, 0.3725, 0.6470
CMYK	0.00, 0.11, 0.50, 0.29
HSL	47°, 37%, 53%
HSV	47°, 50%, 71%
XYZ	33.2337, 35.5831, 14.7901
YIQ	158.0000, 34.3900, -17.5300

Conversions

Conversions Part 2

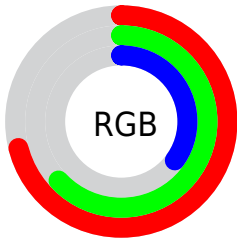
Format	Color
RYB	116, 180, 90
Decimal	11837530
CIELab	66.20, -2.06, 38.91
CIElCh	66, 38.969, 93.032
Yxy	35.5831, 0.3975, 0.4256
Android (android.graphics.Color)	4290027610 (0xFFB4A05A)
YUV	158.0000, -33.5240, 19.2940
Hunter-Lab	59.6516, -4.9423, 27.0557

Details

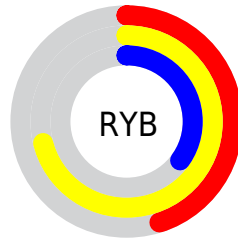
The Yxy color **35.5831, 0.3975, 0.4256** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **16.6114, 0.2251, 0.2075**, and the grayscale version is **34.3349, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.5584, 0.3813, 0.4078**, and **15.4573, 0.4200, 0.4532** is the 20% darker color. If you saturate the color by 10%, you get **33.9523, 0.4149, 0.4419**, and if you desaturate by 10%, it is **37.3359, 0.3795, 0.4072**.

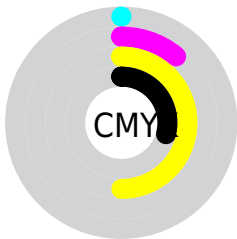
Distribution



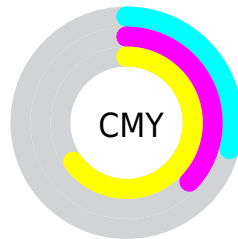
- Red (71%)
- Green (63%)
- Blue (35%)



- Red (45%)
- Yellow (71%)
- Blue (35%)



- Cyan (0%)
- Magenta (11%)
- Yellow (50%)
- Black (29%)





- Cyan (29%)
- Magenta (37%)
- Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.5831, 0.3975, 0.4256 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 35.5831, 0.3975, 0.4256 by changing the saturation by 10% instead.


 35.5831, 0.3975,
0.4256

 35.5831, 0.3975,
0.4256


327.1347, 0.3548,
0.3764

 24.1124, 0.4077,
0.4376


 68.3881, 0.3822,
0.4078


 15.4170, 0.4202,
0.4524


 90.4912, 0.3763,
0.4011

 9.1126, 0.4354,
0.4709


 116.9072, 0.3714,
0.3953

 4.8147, 0.4571,
0.4977

 148.0205, 0.3671,
0.3905

 2.1389, 0.4761,
0.5239

184.2155, 0.3634,
0.3862

 0.6864, 0.4673,
0.5327

225.8766, 0.3602,

 0.0000, 0.0000,

0.3825

0.0000

273.3882, 0.3573,
0.3793

■ 35.5831, 0.3975,
0.4256

■ 35.5831, 0.3975,
0.4256

■ 33.9523, 0.4149,
0.4419

■ 37.3359, 0.3795,
0.4072

■ 32.4326, 0.4309,
0.4550

■ 39.2110, 0.3616,
0.3876

■ 31.0191, 0.4448,
0.4641

■ 41.2149, 0.3443,
0.3676

■ 29.7041, 0.4560,
0.4686

■ 43.3522, 0.3279,
0.3479

■ 28.4719, 0.4647,
0.4692

■ 45.6271, 0.3127,
0.3290

■ 28.4706, 0.4647,
0.4692

■ 48.0437, 0.2988,
0.3111

■ 50.6058, 0.2861,
0.2944

■ 53.3171, 0.2746,
0.2789

■ 56.1810, 0.2644,
0.2647

Harmonies

Analogous

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



35.5831, 0.4282, 0.3894



35.5831, 0.3975, 0.4256



35.5831, 0.3454, 0.4375

Triad

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



35.5831, 0.3975, 0.4256



35.5831, 0.2112, 0.2970



35.5831, 0.3305, 0.2627

Complementary

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



35.5831, 0.3975, 0.4256



16.6114, 0.2251, 0.2075

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.



35.5831, 0.2720, 0.2403



35.5831, 0.3975, 0.4256



35.5831, 0.2081, 0.2553

Square

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



35.5831, 0.3975, 0.4256



35.5831, 0.2388, 0.3562



35.5831, 0.2291, 0.2369



35.5831, 0.3889, 0.2993

Rectangle

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



35.5831, 0.3975, 0.4256



35.5831, 0.3064, 0.4247



35.5831, 0.2291, 0.2369



35.5831, 0.3100, 0.2534

Sweetspot

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



35.5848, 0.3975, 0.4256



76.5624, 0.3364, 0.3582



18.1605, 0.4174, 0.2991



16.3756, 0.3398, 0.3623



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



35.5848, 0.3975, 0.4256



61.2896, 0.4166, 0.4434



40.4349, 0.3617, 0.4590



9.5805, 0.3268, 0.3466



19.9807, 0.4641, 0.4697



0.7079, 0.4493, 0.4814

Inverse Universe

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



16.6114, 0.2251, 0.2075



23.0295, 0.2048, 0.1755



14.1843, 0.2417, 0.1820



8.5258, 0.2985, 0.3108



3.4404, 0.1571, 0.0855



0.1952, 0.1718, 0.1383

Previews

White Background



This preview shows how the Yxy color 35.5831, 0.3975, 0.4256 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 35.5831, 0.3975, 0.4256 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

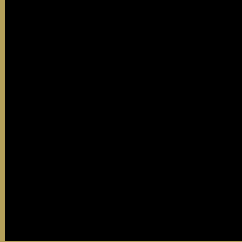
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.5831, 0.3975, 0.4256

Background



This preview shows how black text looks on a background with the Yxy color 35.5831, 0.3975, 0.4256.



This preview shows how white text looks on a background with the Yxy color 35.5831, 0.3975, 0.4256.

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

35.5831, 0.3975, 0.4256

Protanopia

35.5750, 0.3937, 0.4280

Deuteranopia

35.6197, 0.4169, 0.4096



Tritanopia

35.6656, 0.3377, 0.3142

Trichromacy



Original Color

35.5831, 0.3975, 0.4256

Protanomaly

35.6929, 0.3948, 0.4276

Deuteranomaly

35.4794, 0.4100, 0.4155

Tritanomaly

35.4106, 0.3609, 0.3556

Monochromacy



Original Color

35.5831, 0.3975, 0.4256

Achromatopsia

34.1914, 0.3127, 0.3290

Achromatomaly

34.5967, 0.3438, 0.3676

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.5831, 0.3975, 0.4256 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(180, 160, 90)` looks like.

```
.text, #text, p{  
    color:rgb(180, 160, 90)  
}
```

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(180, 160, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 160, 90) }
```

Border

The CSS property to change the border of an element to Yxy 35.5831, 0.3975, 0.4256 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(180, 160, 90) }
```

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

```
.border{ border-color:rgb(180, 160, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 160, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 160, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 160, 90);  
box-shadow:4px 4px 4px 4px rgb(180, 160,  
90) }
```


Background

The CSS property to change the background color of an element to Yxy 35.5831, 0.3975, 0.4256 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 160, 90) }
```

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

```
.background{ background-color: rgb(180,  
160, 90) }
```

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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