

Converting Colors

$Yxy(35.7554, 0.3778, 0.4084)$

Have a look what the booklet for
Yxy(35.7554, 0.3778, 0.4084)
contains.

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Color

Yxy(35.6443, 0.3777, 0.4076)

Conversions

Conversions Part 1

Format	Color
Hex	AFA16A
RGB	175, 161, 106
RGB Percent	69%, 63%, 42%
CMY	0.3136, 0.3686, 0.5843
CMYK	0.00, 0.08, 0.39, 0.31
HSL	48°, 30%, 55%
HSV	48°, 39%, 69%
XYZ	33.0296, 35.6443, 18.7753
YIQ	158.9160, 25.9990, -14.1370

Conversions

Conversions Part 2

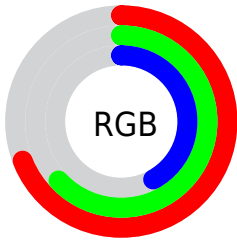
Format	Color
RYB	124, 175, 106
Decimal	11510122
CIELab	66.25, -2.99, 30.49
CIELCh	66, 30.632, 95.597
Yxy	35.6443, 0.3777, 0.4076
Android (android.graphics.Color)	4289700202 (0xFFAFA16A)
YUV	158.9160, -26.0876, 14.1057
Hunter-Lab	59.7028, -5.7279, 23.1465

Details

The Yxy color **35.6443, 0.3777, 0.4076** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **19.6007, 0.2450, 0.2354**, and the grayscale version is **34.7452, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.7362, 0.3658, 0.3928**, and **15.5223, 0.3952, 0.4312** is the 20% darker color. If you saturate the color by 10%, you get **34.0926, 0.3952, 0.4264**, and if you desaturate by 10%, it is **37.3090, 0.3602, 0.3876**.

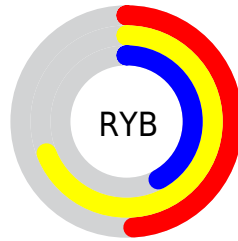
Distribution



Red (69%)

Green (63%)

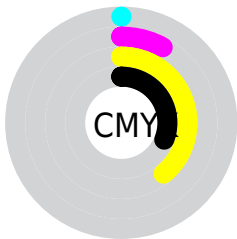
Blue (42%)



Red (49%)

Yellow (69%)

Blue (42%)

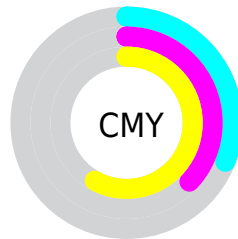


Cyan (0%)

Magenta (8%)

Yellow (39%)

Black (31%)



Cyan (31%)


Magenta (37%)


Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.6443, 0.3777, 0.4076 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 35.6443, 0.3777, 0.4076 by changing the saturation by 10% instead.


 35.6443, 0.3777,
0.4076


 35.6443, 0.3777,
0.4076


327.4032, 0.3445,
0.3669

 24.1596, 0.3860,
0.4180


 68.4827, 0.3656,
0.3926


 15.4521, 0.3964,
0.4313


 90.6052, 0.3611,
0.3870

 9.1373, 0.4098,
0.4487


 117.0424, 0.3572,
0.3823

 4.8308, 0.4269,
0.4720

 148.1787, 0.3539,
0.3783

 2.1483, 0.4710,
0.5290

184.3986, 0.3511,
0.3748

 0.6916, 0.4580,
0.5420

226.0864, 0.3486,

 0.0000, 0.0000,

0.3718

0.0000

273.6264, 0.3464,
0.3692

■ 35.6443, 0.3777,
0.4076

■ 35.6443, 0.3777,
0.4076

■ 34.0926, 0.3952,
0.4264

■ 37.3090, 0.3602,
0.3876

■ 32.6441, 0.4121,
0.4431

■ 39.0861, 0.3431,
0.3673

■ 31.2951, 0.4276,
0.4568

■ 40.9816, 0.3270,
0.3472


■ 30.0396, 0.4409,
0.4664


■ 42.9992, 0.3119,
0.3279


■ 28.8706, 0.4516,
0.4715


■ 45.1426, 0.2980,
0.3097


 27.7743, 0.4598,
0.4727

 47.4154, 0.2854,
0.2927

 27.7136, 0.4603,
0.4727

 49.8208, 0.2740,
0.2769

 52.3620, 0.2637,
0.2624

 54.4807, 0.2591,
0.2576

Harmonies

Analogous

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



35.6443, 0.4030, 0.3816



35.6443, 0.3777, 0.4076



35.6443, 0.3359, 0.4125

Triad

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



35.6443, 0.3777, 0.4076



35.6443, 0.2303, 0.3015



35.6443, 0.3314, 0.2778

Complementary

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



35.6443, 0.3777, 0.4076



19.6007, 0.2450, 0.2354

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.



35.6443, 0.2845, 0.2584



35.6443, 0.3777, 0.4076



35.6443, 0.2292, 0.2689

Square

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



35.6443, 0.3777, 0.4076



35.6443, 0.2516, 0.3466



35.6443, 0.2482, 0.2546



35.6443, 0.3759, 0.3088

Rectangle

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



35.6443, 0.3777, 0.4076



35.6443, 0.3048, 0.4003



35.6443, 0.2482, 0.2546



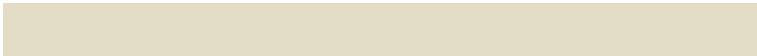
35.6443, 0.3153, 0.2698

Sweetspot

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



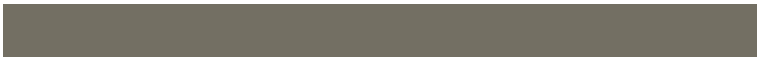
35.6459, 0.3777, 0.4076



72.4121, 0.3313, 0.3527



20.8049, 0.3877, 0.3069



15.9978, 0.3334, 0.3553



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



35.6459, 0.3777, 0.4076



61.4788, 0.3924, 0.4235



38.7247, 0.3516, 0.4316



9.0496, 0.3267, 0.3470



19.9296, 0.4597, 0.4732



0.6235, 0.4454, 0.4845

Inverse Universe

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



19.6007, 0.2450, 0.2354



28.8911, 0.2289, 0.2112



17.8070, 0.2610, 0.2168



8.0111, 0.2986, 0.3104



3.1745, 0.1562, 0.0824



0.1629, 0.1712, 0.1362

Previews

White Background



This preview shows how the Yxy color 35.6443, 0.3777, 0.4076 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 35.6443, 0.3777, 0.4076 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 35.6443, 0.3777, 0.4076

Background



This preview shows how black text looks on a background with the Yxy color 35.6443, 0.3777, 0.4076.



This preview shows how white text looks on a background with the Yxy color 35.6443, 0.3777, 0.4076.

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

35.6443, 0.3777, 0.4076

Protanopia

35.6443, 0.3777, 0.4076

Deuteranopia

35.5102, 0.3997, 0.3921



Tritanopia

35.6881, 0.3284, 0.3126

Trichromacy



Original Color

35.6443, 0.3777, 0.4076

Protanomaly

35.6443, 0.3777, 0.4076

Deuteranomaly

35.6146, 0.3905, 0.3979

Tritanomaly

35.7113, 0.3471, 0.3474

Monochromacy



Original Color

35.6443, 0.3777, 0.4076

Achromatopsia

34.6704, 0.3127, 0.3290

Achromatomaly

35.0344, 0.3359, 0.3586

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.6443, 0.3777, 0.4076 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(175, 161, 106)` looks like.

```
.text, #text, p{  
    color:rgb(175, 161, 106)  
}
```

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(175, 161, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 161, 106) }
```

Border

The CSS property to change the border of an element to Yxy 35.6443, 0.3777, 0.4076 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(175, 161, 106) }
```

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

```
.border{ border-color:rgb(175, 161, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 161, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 161, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 161, 106);  
box-shadow:4px 4px 4px 4px rgb(175, 161,  
106) }
```


Background

The CSS property to change the background color of an element to Yxy 35.6443, 0.3777, 0.4076 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 161, 106) }
```

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

```
.background{ background-color: rgb(175,  
161, 106) }
```

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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