

Converting Colors

$Yxy(38.5464, 0.3737, 0.4327)$

Have a look what the booklet for
Yxy(38.5464, 0.3737, 0.4327)
contains.

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Color

Yxy(38.5537, 0.3741, 0.4325)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | AAAB62 |
| RGB | 170, 171, 98 |
| RGB Percent | 67%, 67%, 38% |
| CMY | 0.3333, 0.3294, 0.6157 |
| CMYK | 0.01, 0.00, 0.43, 0.33 |
| HSL | 61°, 30%, 53% |
| HSV | 61°, 43%, 67% |
| XYZ | 33.3478, 38.5537, 17.2400 |
| YIQ | 162.3790, 22.8370, -22.9150 |

Conversions

Conversions Part 2

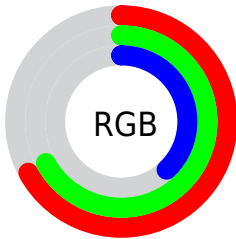
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 98, 171, 99 |
| Decimal | 11184994 |
| CIELab | 68.43, -11.26, 37.36 |
| CIELCh | 68, 39.023, 106.765 |
| Yxy | 38.5537, 0.3741, 0.4325 |
| Android (android.graphics.Color) | 4289375074 (0xFFAAAB62) |
| YUV | 162.3790, -31.7388, 6.6836 |
| Hunter-Lab | 62.0916, -12.7925, 27.0021 |

Details

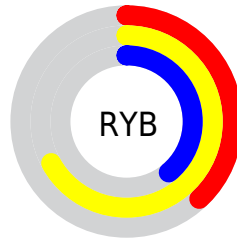
The Yxy color **38.5537, 0.3741, 0.4325** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **14.3285, 0.2355, 0.2001**, and the grayscale version is **36.4642, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.7635, 0.3633, 0.4126**, and **17.1284, 0.3886, 0.4637** is the 20% darker color. If you saturate the color by 10%, you get **38.2405, 0.3867, 0.4539**, and if you desaturate by 10%, it is **38.9394, 0.3603, 0.4091**.

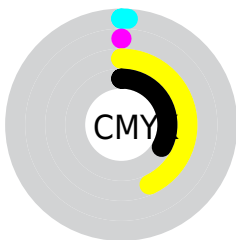
Distribution



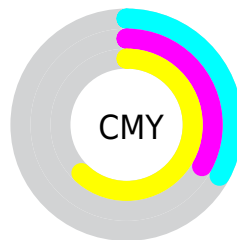
- Red (67%)
- Green (67%)
- Blue (38%)



- Red (38%)
- Yellow (67%)
- Blue (39%)



- Cyan (1%)
- Magenta (0%)
- Yellow (43%)
- Black (33%)





- Cyan (33%)
- Magenta (33%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 38.5537, 0.3741, 0.4325 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 38.5537, 0.3741, 0.4325 by changing the saturation by 10% instead.


 38.5537, 0.3741,
0.4325


 38.5537, 0.3741,
0.4325


339.9893, 0.3441,
0.3788

 26.4127, 0.3809,
0.4461


 72.9560, 0.3636,
0.4127

 17.1326, 0.3891,
0.4634


 95.9862, 0.3595,
0.4054

 10.3291, 0.3986,
0.4860


 123.4148, 0.3560,
0.3992

 5.6177, 0.4090,
0.5161

 155.6263, 0.3530,
0.3939

 2.6140, 0.4286,
0.5714

193.0051, 0.3504,
0.3893

 0.9337, 0.3959,
0.6041

235.9356, 0.3480,

 0.0000, 0.0000,

0.3854

0.0000

284.8022, 0.3460,
0.3819

■ 38.5537, 0.3741,
0.4325

■ 38.5537, 0.3741,
0.4325

■ 38.2405, 0.3867,
0.4539

■ 38.9394, 0.3603,
0.4091

■ 37.9902, 0.3974,
0.4724

■ 39.3965, 0.3457,
0.3845

■ 37.7996, 0.4060,
0.4871

■ 39.9304, 0.3310,
0.3597

■ 37.6629, 0.4120,
0.4978

■ 40.5446, 0.3165,
0.3354

■ 37.5735, 0.4155,
0.5042

■ 41.2424, 0.3026,
0.3121

■ 37.5271, 0.4170,
0.5071

■ 42.0268, 0.2895,
0.2901

■ 42.9008, 0.2773,
0.2697

■ 43.8672, 0.2660,
0.2509

■ 44.9286, 0.2558,
0.2338

Harmonies

Analogous

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



38.5537, 0.4152, 0.4062



38.5537, 0.3741, 0.4325



38.5537, 0.3186, 0.4279

Triad

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



38.5537, 0.3741, 0.4325



38.5537, 0.2091, 0.2766



38.5537, 0.3574, 0.2792

Complementary

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



38.5537, 0.3741, 0.4325



14.3285, 0.2355, 0.2001

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.



38.5537, 0.2980, 0.2502



38.5537, 0.3741, 0.4325



38.5537, 0.2170, 0.2460

Square

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



38.5537, 0.3741, 0.4325



38.5537, 0.2253, 0.3281



38.5537, 0.2478, 0.2380



38.5537, 0.4072, 0.3195

Rectangle

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



38.5537, 0.3741, 0.4325



38.5537, 0.2813, 0.4041



38.5537, 0.2478, 0.2380



38.5537, 0.3376, 0.2679

Sweetspot

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



38.5555, 0.3741, 0.4325



71.4583, 0.3318, 0.3611



18.2761, 0.4211, 0.3293



15.8871, 0.3350, 0.3664



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

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



38.5555, 0.3741, 0.4325



68.5273, 0.3857, 0.4523



35.1173, 0.3389, 0.4461



9.3246, 0.3261, 0.3514



28.2921, 0.4170, 0.5071



0.7888, 0.4178, 0.5065

Inverse Universe

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



14.3285, 0.2355, 0.2001



19.4704, 0.2161, 0.1679



16.7862, 0.2736, 0.2124



7.7622, 0.2987, 0.3056



2.2296, 0.1505, 0.0603



0.0637, 0.1529, 0.0616

Previews

White Background



This preview shows how the Yxy color 38.5537, 0.3741, 0.4325 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 38.5537, 0.3741, 0.4325 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

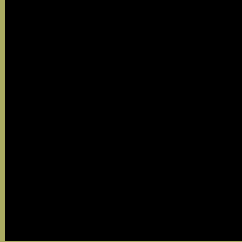
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.5537, 0.3741, 0.4325

Background



This preview shows how black text looks on a background with the Yxy color 38.5537, 0.3741, 0.4325.



This preview shows how white text looks on a background with the Yxy color 38.5537, 0.3741, 0.4325.

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

38.5537, 0.3741, 0.4325

Protanopia

38.5492, 0.3912, 0.4253

Deuteranopia

38.2924, 0.4115, 0.4029



Tritanopia

38.5195, 0.3173, 0.3114

Trichromacy



Original Color

38.5537, 0.3741, 0.4325

Protanomaly

38.3333, 0.3847, 0.4271

Deuteranomaly

38.0616, 0.3975, 0.4130

Tritanomaly

38.2470, 0.3394, 0.3544

Monochromacy



Original Color

38.5537, 0.3741, 0.4325

Achromatopsia

36.1307, 0.3127, 0.3290

Achromatomaly

36.7737, 0.3358, 0.3672

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.5537, 0.3741, 0.4325 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(170, 171, 98)` looks like.

```
.text, #text, p{  
    color:rgb(170, 171, 98)  
}
```

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(170, 171, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 171, 98) }
```

Border

The CSS property to change the border of an element to Yxy 38.5537, 0.3741, 0.4325 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(170, 171, 98) }
```

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

```
.border{ border-color:rgb(170, 171, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 171, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 171, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 171, 98);  
box-shadow:4px 4px 4px 4px rgb(170, 171,  
98) }
```


Background

The CSS property to change the background color of an element to Yxy 38.5537, 0.3741, 0.4325 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 171, 98) }
```

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

```
.background{ background-color: rgb(170,  
171, 98) }
```

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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