

Converting Colors

$Y_{xy}(47.2481, 0.3551, 0.4321)$

Have a look what the booklet for
Yxy(47.2481, 0.3551, 0.4321)
contains.

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Color

Yxy(47.3836, 0.3553, 0.4321)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | ADBF73 |
| RGB | 173, 191, 115 |
| RGB Percent | 68%, 75%, 45% |
| CMY | 0.3215, 0.2510, 0.5490 |
| CMYK | 0.09, 0.00, 0.40, 0.25 |
| HSL | 74°, 37%, 60% |
| HSV | 74°, 40%, 75% |
| XYZ | 38.9618, 47.3836, 23.3135 |
| YIQ | 176.9540, 13.6680, -27.4520 |

Conversions

Conversions Part 2

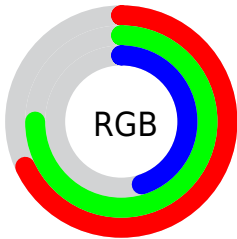
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 115, 191, 133 |
| Decimal | 11386739 |
| CIELab | 74.43, -18.38, 36.27 |
| CIELCh | 74, 40.662, 116.872 |
| Yxy | 47.3836, 0.3553, 0.4321 |
| Android (android.graphics.Color) | 4289576819 (0xFFADBF73) |
| YUV | 176.9540, -30.5433, -3.4677 |
| Hunter-Lab | 68.8357, -19.4296, 28.1045 |

Details

The Yxy color $47.3836, 0.3553, 0.4321$ is a light color, and the websafe version is hex `CCCC66`. A complement of this color would be $21.0103, 0.2566, 0.2139$, and the grayscale version is $44.1016, 0.3127, 0.3290$.

A 20% lighter version of the original color is $86.0067, 0.3485, 0.4126$, and $22.4806, 0.3636, 0.4631$ is the 20% darker color. If you saturate the color by 10%, you get $46.4839, 0.3643, 0.4578$, and if you desaturate by 10%, it is $48.3961, 0.3451, 0.4055$.

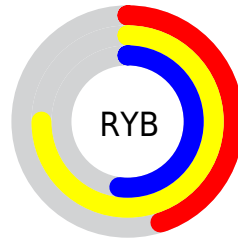
Distribution



Red (68%)

Green (75%)

Blue (45%)



Red (45%)

Yellow (75%)

Blue (52%)

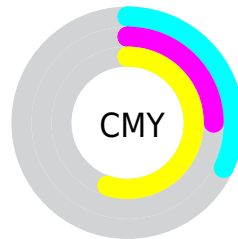


Cyan (9%)

Magenta (0%)

Yellow (40%)

Black (25%)



Cyan (32%)

Magenta (25%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 47.3836, 0.3553, 0.4321 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 47.3836, 0.3553, 0.4321 by changing the saturation by 10% instead.

■ 47.3836, 0.3553,
0.4321

■ 47.3836, 0.3553,
0.4321

376.3436, 0.3357,
0.3795

■ 33.3390, 0.3594,
0.4453

■ 86.2859, 0.3487,
0.4129

■ 22.3863, 0.3642,
0.4622

■ 111.9125, 0.3460,
0.4057

■ 14.1410, 0.3696,
0.4843

■ 142.1684, 0.3437,
0.3996

■ 8.2188, 0.3749,
0.5142

177.4382, 0.3417,
0.3944

■ 4.2353, 0.3829,
0.5627

218.1063, 0.3399,
0.3899

■ 1.8060, 0.3767,
0.6233

264.5569, 0.3384,

■ 0.4909, 0.0352,

0.3860

0.9648

317.1746, 0.3370,
0.3825

0.0000, 0.0000,
0.0000

47.3836, 0.3553,
0.4321

47.3836, 0.3553,
0.4321

46.4839, 0.3643,
0.4578

48.3961, 0.3451,
0.4055

45.6848, 0.3716,
0.4814

49.5203, 0.3344,
0.3789

44.9819, 0.3769,
0.5019


50.7634, 0.3234,
0.3530


44.3678, 0.3796,
0.5183

52.1300, 0.3125,
0.3285


43.8341, 0.3798,
0.5301

53.6244, 0.3020,
0.3056


 43.3641, 0.3780,
0.5380

 55.2508, 0.2920,
0.2845

 43.3544, 0.3779,
0.5381

 57.0132, 0.2827,
0.2652

 58.0626, 0.2819,
0.2597

 58.7320, 0.2851,
0.2603

Harmonies

Analogous

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



47.3836, 0.4016, 0.4154



47.3836, 0.3553, 0.4321



47.3836, 0.2999, 0.4151

Triad

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



47.3836, 0.3553, 0.4321



47.3836, 0.2116, 0.2655



47.3836, 0.3746, 0.2928

Complementary

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



47.3836, 0.3553, 0.4321



21.0103, 0.2566, 0.2139

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.



47.3836, 0.3177, 0.2600



47.3836, 0.3553, 0.4321



47.3836, 0.2271, 0.2430

Square

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



47.3836, 0.3553, 0.4321



47.3836, 0.2195, 0.3096



47.3836, 0.2642, 0.2421



47.3836, 0.4153, 0.3346

Rectangle

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



47.3836, 0.3553, 0.4321



47.3836, 0.2655, 0.3852



47.3836, 0.2642, 0.2421



47.3836, 0.3564, 0.2805

Sweetspot

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



47.3857, 0.3553, 0.4321



90.3628, 0.3260, 0.3591



29.0179, 0.4014, 0.3537



19.7770, 0.3275, 0.3625



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



47.3857, 0.3553, 0.4321



83.4102, 0.3634, 0.4552



43.6730, 0.3227, 0.4438



11.0037, 0.3229, 0.3519



28.5302, 0.3785, 0.5377



1.1456, 0.3888, 0.5295

Inverse Universe

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



21.0103, 0.2566, 0.2139



29.4779, 0.2407, 0.1843



24.6528, 0.2953, 0.2256



9.3314, 0.3020, 0.3055



2.8731, 0.1641, 0.0677



0.1436, 0.1896, 0.0818

Previews

White Background



This preview shows how the Yxy color 47.3836, 0.3553, 0.4321 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 47.3836, 0.3553, 0.4321 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 47.3836, 0.3553, 0.4321

Background



This preview shows how black text looks on a background with the Yxy color 47.3836, 0.3553, 0.4321.



This preview shows how white text looks on a background with the Yxy color 47.3836, 0.3553, 0.4321.

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

47.3836, 0.3553, 0.4321

Protanopia

47.3162, 0.3860, 0.4182

Deuteranopia

47.2075, 0.4034, 0.3953



Tritanopia

47.1005, 0.3027, 0.3099

Trichromacy



Original Color

47.3836, 0.3553, 0.4321

Protanomaly

47.2572, 0.3744, 0.4235

Deuteranomaly

47.0523, 0.3851, 0.4079

Tritanomaly

47.0716, 0.3218, 0.3529

Monochromacy



Original Color

47.3836, 0.3553, 0.4321

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

45.0191, 0.3300, 0.3672

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.3836, 0.3553, 0.4321 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(173, 191, 115)` looks like.

```
.text, #text, p{  
    color:rgb(173, 191, 115)  
}
```

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(173, 191, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 191, 115) }
```

Border

The CSS property to change the border of an element to Yxy 47.3836, 0.3553, 0.4321 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(173, 191, 115) }
```

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

```
.border{ border-color:rgb(173, 191, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 191, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 191, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 191, 115);  
box-shadow:4px 4px 4px 4px rgb(173, 191,  
115) }
```


Background

The CSS property to change the background color of an element to Yxy 47.3836, 0.3553, 0.4321 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 191, 115) }
```

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

```
.background{ background-color: rgb(173,  
191, 115) }
```

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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