

Converting Colors

$Yxy(42.9846, 0.3395, 0.3716)$

Have a look what the booklet for
Yxy(42.9846, 0.3395, 0.3716)
contains.

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Color

Yxy(42.9846, 0.3395, 0.3716)

Conversions

Conversions Part 1

Format	Color
Hex	B2B192
RGB	178, 177, 146
RGB Percent	70%, 69%, 57%
CMY	0.3019, 0.3059, 0.4275
CMYK	0.00, 0.01, 0.18, 0.30
HSL	58°, 17%, 64%
HSV	58°, 18%, 70%
XYZ	39.2715, 42.9846, 33.4183
YIQ	173.7650, 10.5470, -9.4290

Conversions

Conversions Part 2

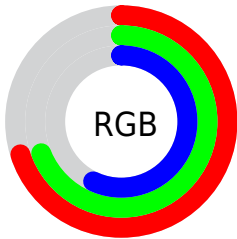
Format	Color
RYB	147, 178, 146
Decimal	11710866
CIELab	71.54, -4.94, 16.03
CIELCh	72, 16.775, 107.132
Yxy	42.9846, 0.3395, 0.3716
Android (android.graphics.Color)	4289900946 (0xFFB2B192)
YUV	173.7650, -13.6881, 3.7141
Hunter-Lab	65.5626, -7.8147, 15.6728

Details

The Yxy color $42.9846, 0.3395, 0.3716$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $30.1926, 0.2837, 0.2825$, and the grayscale version is $42.2693, 0.3127, 0.3290$.

A 20% lighter version of the original color is $79.9404, 0.3346, 0.3640$, and $19.8534, 0.3472, 0.3860$ is the 20% darker color. If you saturate the color by 10%, you get $42.2545, 0.3548, 0.3957$, and if you desaturate by 10%, it is $43.8056, 0.3244, 0.3476$.

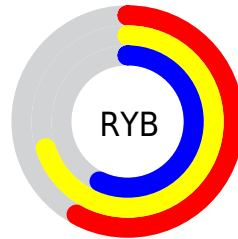
Distribution



Red (70%)

Green (69%)

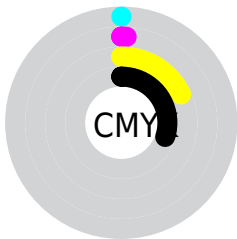
Blue (57%)



Red (58%)

Yellow (70%)

Blue (57%)

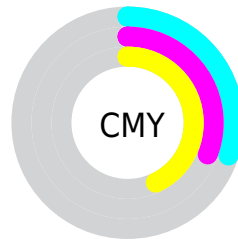


Cyan (0%)

Magenta (1%)

Yellow (18%)

Black (30%)



Cyan (30%)


Magenta (31%)

Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.9846, 0.3395, 0.3716 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 42.9846, 0.3395, 0.3716 by changing the saturation by 10% instead.

 42.9846, 0.3395,
0.3716


 42.9846, 0.3395,
0.3716


358.5484, 0.3261,
0.3498

 29.8730, 0.3428,
0.3772


 79.6876, 0.3346,
0.3636

 19.7422, 0.3471,
0.3844


 104.0479, 0.3328,
0.3606

 12.2078, 0.3528,
0.3942


132.9265, 0.3312,
0.3581

 6.8854, 0.3605,
0.4081

166.7078, 0.3299,
0.3559

 3.3905, 0.3717,
0.4292

205.7763, 0.3288,
0.3541

 1.3388, 0.4103,
0.4905

250.5163, 0.3278,

 0.1710, 0.1968,

0.3525

0.8032

301.3122, 0.3269,
0.3511

0.0000, 0.0000,
0.0000

42.9846, 0.3395,
0.3716

42.9846, 0.3395,
0.3716

42.2545, 0.3548,
0.3957

43.8056, 0.3244,
0.3476

41.6057, 0.3697,
0.4191

44.7157, 0.3098,
0.3244

41.0359, 0.3838,
0.4410


45.7201, 0.2961,
0.3023

40.5402, 0.3965,
0.4604


46.8222, 0.2832,
0.2817


40.1135, 0.4071,
0.4764


48.0252, 0.2714,
0.2626

 39.7500, 0.4153,
0.4885


 49.3321, 0.2606,
0.2451


 39.4428, 0.4210,
0.4962

 49.6998, 0.2594,
0.2436

 39.1810, 0.4243,
0.5002

 49.9275, 0.2594,
0.2443

 39.1301, 0.4249,
0.5008

 50.1562, 0.2595,
0.2449

Harmonies

Analogous

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



42.9846, 0.3559, 0.3635



42.9846, 0.3395, 0.3716



42.9846, 0.3163, 0.3676

Triad

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



42.9846, 0.3395, 0.3716



42.9846, 0.2672, 0.3083



42.9846, 0.3320, 0.3076

Complementary

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



42.9846, 0.3395, 0.3716



30.1926, 0.2837, 0.2825

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.



42.9846, 0.3076, 0.2940



42.9846, 0.3395, 0.3716



42.9846, 0.2709, 0.2937

Square

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



42.9846, 0.3395, 0.3716



42.9846, 0.2750, 0.3296



42.9846, 0.2855, 0.2888



42.9846, 0.3517, 0.3266

Rectangle

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



42.9846, 0.3395, 0.3716



42.9846, 0.3003, 0.3581



42.9846, 0.2855, 0.2888



42.9846, 0.3241, 0.3023

Sweetspot

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



42.9865, 0.3395, 0.3716



79.8916, 0.3201, 0.3408



32.1306, 0.3457, 0.3276



17.6752, 0.3211, 0.3424



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.



42.9865, 0.3395, 0.3716



77.3428, 0.3462, 0.3822



41.7130, 0.3256, 0.3749



9.8599, 0.3264, 0.3508



28.0131, 0.4248, 0.5009



0.8955, 0.4232, 0.5022

Inverse Universe

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



30.1926, 0.2837, 0.2825



49.3559, 0.2757, 0.2696



31.3410, 0.2979, 0.2829



8.2715, 0.2985, 0.3062



2.4042, 0.1507, 0.0624



0.0898, 0.1535, 0.0727

Previews

White Background



This preview shows how the Yxy color 42.9846, 0.3395, 0.3716 looks on a white background.

Color Contrast Check

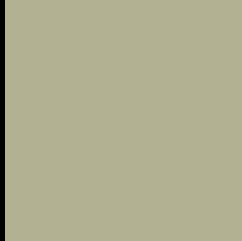
Large Text (above 18pt) WCAG AA × Fail

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 42.9846, 0.3395, 0.3716 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

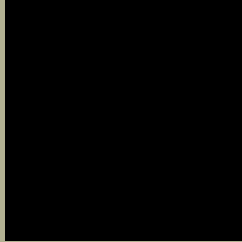
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 42.9846, 0.3395, 0.3716

Background



This preview shows how black text looks on a background with the Yxy color 42.9846, 0.3395, 0.3716.



This preview shows how white text looks on a background with the Yxy color 42.9846, 0.3395, 0.3716.

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

42.9846, 0.3395, 0.3716

Protanopia

43.0186, 0.3474, 0.3695

Deuteranopia

42.6999, 0.3631, 0.3548



Tritanopia

43.0751, 0.3117, 0.3120

Trichromacy



Original Color

42.9846, 0.3395, 0.3716

Protanomaly

43.0401, 0.3443, 0.3712

Deuteranomaly

42.5699, 0.3544, 0.3607

Tritanomaly

43.0361, 0.3215, 0.3330

Monochromacy



Original Color

42.9846, 0.3395, 0.3716

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

42.4542, 0.3218, 0.3441

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.9846, 0.3395, 0.3716 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(178, 177, 146)` looks like.

```
.text, #text, p{  
    color:rgb(178, 177, 146)  
}
```

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(178, 177, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 177, 146) }
```

Border

The CSS property to change the border of an element to Yxy 42.9846, 0.3395, 0.3716 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(178, 177, 146) }
```

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

```
.border{ border-color:rgb(178, 177, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 177, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 177, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 177, 146);  
box-shadow:4px 4px 4px 4px rgb(178, 177,  
146) }
```


Background

The CSS property to change the background color of an element to Yxy 42.9846, 0.3395, 0.3716 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 177, 146) }
```

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

```
.background{ background-color: rgb(178,  
177, 146) }
```

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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