

Converting Colors

$Yxy(38.8390, 0.3796, 0.5307)$

Have a look what the booklet for
Yxy(38.8390, 0.3796, 0.5307)
contains.

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Color

Yxy(38.8390, 0.3796, 0.5307)

Conversions

Conversions Part 1

Format	Color
Hex	8EB511
RGB	142, 181, 17
RGB Percent	56%, 71%, 7%
CMY	0.4431, 0.2902, 0.9331
CMYK	0.22, 0.00, 0.91, 0.29
HSL	74°, 83%, 39%
HSV	74°, 91%, 71%
XYZ	27.7808, 38.8390, 6.5646
YIQ	150.6430, 29.4000, -59.2720

Conversions

Conversions Part 2

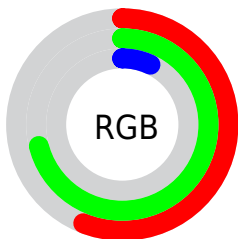
Format	Color
RYB	17, 181, 56
Decimal	9352465
CIELab	68.63, -32.98, 67.50
CIELCh	69, 75.125, 116.042
Yxy	38.8390, 0.3796, 0.5307
Android (android.graphics.Color)	4287542545 (0xFF8EB511)
YUV	150.6430, -65.8860, -7.5799
Hunter-Lab	62.3209, -29.4917, 37.3793

Details

The Yxy color **38.8390, 0.3796, 0.5307** is a dark color, and the websafe version is hex **99CC33**. A complement of this color would be **4.5816, 0.1730, 0.0779**, and the grayscale version is **31.0680, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.3506, 0.3735, 0.4942**, and **17.4168, 0.3643, 0.5490** is the 20% darker color. If you saturate the color by 10%, you get **38.4476, 0.3779, 0.5382**, and if you desaturate by 10%, it is **39.3107, 0.3795, 0.5191**.

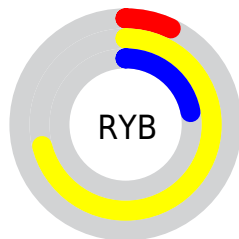
Distribution



Red (56%)

Green (71%)

Blue (7%)



Red (7%)

Yellow (71%)

Blue (22%)

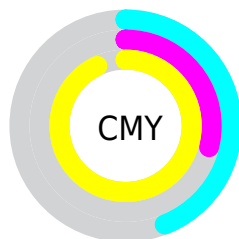


Cyan (22%)

Magenta (0%)

Yellow (91%)

Black (29%)



Cyan (44%)


Magenta (29%)

Yellow (93%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.8390, 0.3796, 0.5307 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 38.8390, 0.3796, 0.5307 by changing the saturation by 10% instead.


 38.8390, 0.3796,
0.5307


 38.8390, 0.3796,
0.5307


341.2055, 0.3552,
0.4275


 26.6345, 0.3808,
0.5543


 73.3923, 0.3740,
0.4941


 17.2989, 0.3791,
0.5821


 96.5099, 0.3708,
0.4800


 10.4478, 0.3767,
0.6233

 124.0340, 0.3677,
0.4679

 5.6969, 0.3509,
0.6491

 156.3489, 0.3648,
0.4575

 2.6617, 0.3101,
0.6899

 193.8392, 0.3621,
0.4485

 0.9578, 0.0974,
0.9026

 236.8891, 0.3596,

 0.0000, 0.0000,

0.4406

0.0000

285.8831, 0.3573,
0.4336

■ 38.8390, 0.3796,
0.5307

■ 38.8390, 0.3796,
0.5307

■ 38.4476, 0.3779,
0.5382

■ 39.3107, 0.3795,
0.5191

■ 39.8510, 0.3769,
0.5030

■ 40.4694, 0.3719,
0.4827

■ 41.1722, 0.3647,
0.4593

■ 41.9653, 0.3558,
0.4338

■ 42.8538, 0.3458,
0.4073

■ 43.8425, 0.3351,
0.3808

■ 44.9355, 0.3242,
0.3549

■ 46.1372, 0.3133,
0.3304

Harmonies

Analogous

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



38.8390, 0.4684, 0.4724



38.8390, 0.3796, 0.5307



38.8390, 0.2800, 0.5166

Triad

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



38.8390, 0.3796, 0.5307



38.8390, 0.1366, 0.2073



38.8390, 0.4298, 0.2581

Complementary

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



38.8390, 0.3796, 0.5307



4.5816, 0.1730, 0.0779

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.



38.8390, 0.3145, 0.2062



38.8390, 0.3796, 0.5307



38.8390, 0.1601, 0.1759

Square

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



38.8390, 0.3796, 0.5307



38.8390, 0.1461, 0.2840



38.8390, 0.2185, 0.1773



38.8390, 0.5125, 0.3240

Rectangle

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



38.8390, 0.3796, 0.5307



38.8390, 0.2195, 0.4508



38.8390, 0.2185, 0.1773



38.8390, 0.3920, 0.2387

Sweetspot

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



38.8407, 0.3796, 0.5307



77.2805, 0.3425, 0.3990



12.6270, 0.5859, 0.3602



16.5797, 0.3460, 0.4079



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.



38.8407, 0.3796, 0.5307



68.7464, 0.3772, 0.5387



34.0749, 0.3156, 0.5801



9.8028, 0.3228, 0.3517



26.5368, 0.3784, 0.5377



0.8597, 0.3905, 0.5282

Inverse Universe

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



4.5816, 0.1730, 0.0779



6.8104, 0.1622, 0.0667



9.0815, 0.2609, 0.1253



8.3245, 0.3021, 0.3057



2.6822, 0.1644, 0.0679



0.1115, 0.1939, 0.0842

Previews

White Background



This preview shows how the Yxy color 38.8390, 0.3796, 0.5307 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 38.8390, 0.3796, 0.5307 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

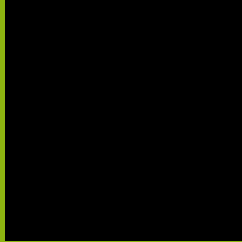
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.8390, 0.3796, 0.5307

Background



This preview shows how black text looks on a background with the Yxy color 38.8390, 0.3796, 0.5307.



This preview shows how white text looks on a background with the Yxy color 38.8390, 0.3796, 0.5307.

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

38.8390, 0.3796, 0.5307

Protanopia

38.3507, 0.4391, 0.4865

Deuteranopia

38.2827, 0.4635, 0.4536



Tritanopia

38.5508, 0.2915, 0.3092

Trichromacy



Original Color

38.8390, 0.3796, 0.5307

Protanomaly

38.1920, 0.4166, 0.5032

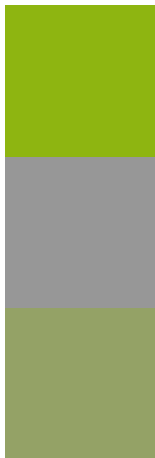
Deuteranomaly

37.6754, 0.4331, 0.4818

Tritanomaly

37.9677, 0.3360, 0.4063

Monochromacy



Original Color

38.8390, 0.3796, 0.5307

Achromatopsia

30.9469, 0.3127, 0.3290

Achromatomaly

33.0959, 0.3524, 0.4236

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.8390, 0.3796, 0.5307 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(142, 181, 17)` looks like.

```
.text, #text, p{  
    color:rgb(142, 181, 17)  
}
```

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(142, 181, 17) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 181, 17) }
```

Border

The CSS property to change the border of an element to Yxy 38.8390, 0.3796, 0.5307 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(142, 181, 17) }
```

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

```
.border{ border-color:rgb(142, 181, 17) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 181, 17)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 181, 17); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 181, 17);  
box-shadow:4px 4px 4px 4px rgb(142, 181,  
17) }
```


Background

The CSS property to change the background color of an element to Yxy 38.8390, 0.3796, 0.5307 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 181, 17) }
```

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

```
.background{ background-color: rgb(142,  
181, 17) }
```

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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