

Converting Colors

$Y_{xy}(11.4889, 0.3403, 0.5452)$

Have a look what the booklet for
 $\text{Yxy}(11.4889, 0.3403, 0.5452)$
contains.

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Color

Yxy(11.4889, 0.3403, 0.5452)

Conversions

Conversions Part 1

Format	Color
Hex	3B6B12
RGB	59, 107, 18
RGB Percent	23%, 42%, 7%
CMY	0.7686, 0.5804, 0.9293
CMYK	0.45, 0.00, 0.83, 0.58
HSL	92°, 71%, 25%
HSV	92°, 83%, 42%
XYZ	7.1711, 11.4889, 2.4128
YIQ	82.5020, -0.0390, -37.8550

Conversions

Conversions Part 2

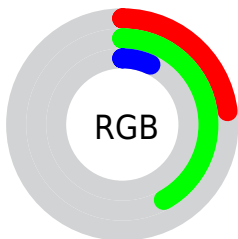
Format	Color
RYB	18, 107, 66
Decimal	3894034
CIELab	40.39, -31.79, 41.05
CIELCh	40, 51.923, 127.756
Yxy	11.4889, 0.3403, 0.5452
Android (android.graphics.Color)	4282084114 (0xFF3B6B12)
YUV	82.5020, -31.7995, -20.6113
Hunter-Lab	33.8953, -21.5523, 19.5061

Details

The Yxy color **11.4889, 0.3403, 0.5452** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **2.6539, 0.2335, 0.1210**, and the grayscale version is **8.6107, 0.3127, 0.3290**.

A 20% lighter version of the original color is **28.6055, 0.3410, 0.4871**, and **3.1408, 0.3025, 0.5980** is the 20% darker color. If you saturate the color by 10%, you get **11.2949, 0.3371, 0.5617**, and if you desaturate by 10%, it is **11.7193, 0.3417, 0.5240**.

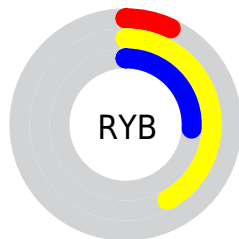
Distribution



Red (23%)

Green (42%)

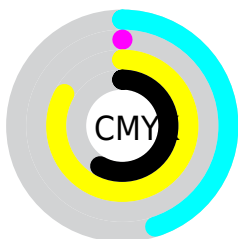
Blue (7%)



Red (7%)

Yellow (42%)

Blue (26%)

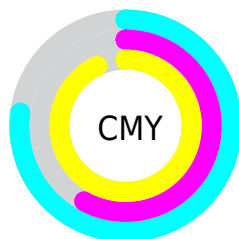


Cyan (45%)

Magenta (0%)

Yellow (83%)

Black (58%)



Cyan (77%)


Magenta (58%)


Yellow (93%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.4889, 0.3403, 0.5452 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 11.4889, 0.3403, 0.5452 by changing the saturation by 10% instead.


 11.4889, 0.3403,
0.5452


 11.4889, 0.3403,
0.5452


200.9917, 0.3318,
0.4076


 6.3967, 0.3347,
0.5919


 28.5608, 0.3409,
0.4864


 3.0878, 0.3251,
0.6749

 41.3092, 0.3396,
0.4670

 1.1777, 0.2123,
0.7877

 57.3785, 0.3382,
0.4518

 0.0434, 0.0000,
1.0000


 77.1530, 0.3367,
0.4395


 0.0000, 0.0000,
0.0000


 101.0172, 0.3353,
0.4294


 129.3555, 0.3340,


0.4209


 162.5521, 0.3329,
0.4138


 11.4889, 0.3403,
0.5452

 11.4889, 0.3403,
0.5452


 11.2949, 0.3371,
0.5617


 11.7193, 0.3417,
0.5240

 11.1757, 0.3348,
0.5723

 11.9876, 0.3412,
0.4990

 12.2967, 0.3391,
0.4715

 12.6487, 0.3356,
0.4429

 13.0455, 0.3310,
0.4143

■ 13.4888, 0.3258,
0.3866

■ 13.9803, 0.3203,
0.3605

■ 14.5217, 0.3145,
0.3362

■ 15.1143, 0.3088,
0.3140

Harmonies

Analogous

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



11.4889, 0.4388, 0.5040



11.4889, 0.3403, 0.5452



11.4889, 0.2402, 0.4893

Triad

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



11.4889, 0.3403, 0.5452



11.4889, 0.1374, 0.1862



11.4889, 0.4748, 0.2808

Complementary

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



11.4889, 0.3403, 0.5452



2.6539, 0.2335, 0.1210

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.



11.4889, 0.3609, 0.2210



11.4889, 0.3403, 0.5452



11.4889, 0.1746, 0.1687

Square

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



11.4889, 0.3403, 0.5452



11.4889, 0.1334, 0.2445



11.4889, 0.2496, 0.1816



11.4889, 0.5326, 0.3509

Rectangle

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



11.4889, 0.3403, 0.5452



11.4889, 0.1862, 0.4025



11.4889, 0.2496, 0.1816



11.4889, 0.4403, 0.2593

Sweetspot

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



11.4894, 0.3403, 0.5452



23.9425, 0.3272, 0.3936



7.0055, 0.4875, 0.4221



5.7435, 0.3286, 0.4009



57.0482, 0.3127, 0.3290



6.3724, 0.3127, 0.3290

Same Dimension

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



11.4894, 0.3403, 0.5452



19.9396, 0.3329, 0.5739



10.6985, 0.2999, 0.5685



3.5067, 0.3179, 0.3501



13.5777, 0.3341, 0.5729



68.6786, 0.3302, 0.5760

Inverse Universe

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



2.6539, 0.2335, 0.1210



3.4230, 0.2123, 0.0943



4.5595, 0.3269, 0.1697



3.0980, 0.3072, 0.3080



2.3571, 0.2140, 0.0952



11.4892, 0.2086, 0.0923

Previews

White Background



This preview shows how the Yxy color 11.4889, 0.3403, 0.5452 looks on a white background.

Color Contrast Check

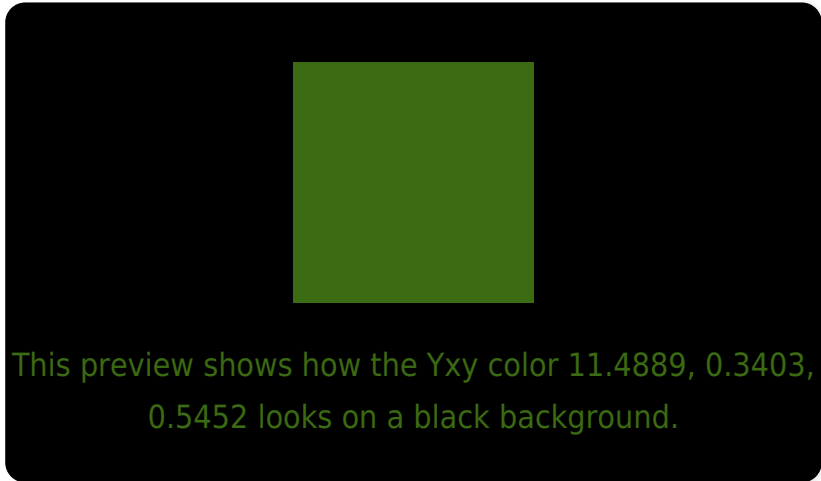
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

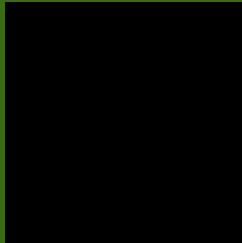
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 11.4889, 0.3403, 0.5452

Background



This preview shows how black text looks on a background with the Yxy color 11.4889, 0.3403, 0.5452.



This preview shows how white text looks on a background with the Yxy color 11.4889, 0.3403, 0.5452.

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

11.4889, 0.3403, 0.5452

Protanopia

11.3447, 0.4324, 0.4789

Deuteranopia

11.3134, 0.4514, 0.4456



Tritanopia

11.5748, 0.2656, 0.3094

Trichromacy



Original Color

11.4889, 0.3403, 0.5452

Protanomaly

11.1348, 0.3972, 0.5042

Deuteranomaly

10.9731, 0.4079, 0.4825

Tritanomaly

11.4018, 0.2986, 0.4036

Monochromacy



Original Color

11.4889, 0.3403, 0.5452

Achromatopsia

8.6500, 0.3127, 0.3290

Achromatomaly

9.4259, 0.3317, 0.4202

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.4889, 0.3403, 0.5452 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(59, 107, 18)` looks like.

```
.text, #text, p{  
    color:rgb(59, 107, 18)  
}
```

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(59, 107, 18) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 107, 18) }
```

Border

The CSS property to change the border of an element to Yxy 11.4889, 0.3403, 0.5452 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(59, 107, 18) }
```

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

```
.border{ border-color:rgb(59, 107, 18) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 107, 18)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 107, 18); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 107, 18);  
box-shadow:4px 4px 4px 4px rgb(59, 107,  
18) }
```


Background

The CSS property to change the background color of an element to Yxy 11.4889, 0.3403, 0.5452 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 107, 18) }
```

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

```
.background{ background-color: rgb(59, 107,  
18) }
```

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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