

Converting Colors

$Y_{xy}(11.2515, 0.3493, 0.5372)$

Have a look what the booklet for
Yxy(11.2515, 0.3493, 0.5372)
contains.

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Color

Yxy(11.2706, 0.3500, 0.5374)

Conversions

Conversions Part 1

Format	Color
Hex	416912
RGB	65, 105, 18
RGB Percent	25%, 41%, 7%
CMY	0.7451, 0.5882, 0.9293
CMYK	0.38, 0.00, 0.83, 0.59
HSL	88°, 71%, 24%
HSV	88°, 83%, 41%
XYZ	7.3404, 11.2706, 2.3615
YIQ	83.1220, 4.0870, -35.5370

Conversions

Conversions Part 2

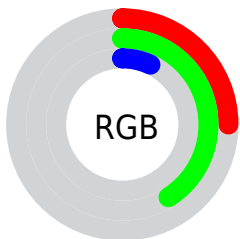
Format	Color
RYB	18, 105, 58
Decimal	4286738
CIELab	40.03, -28.59, 40.83
CIELCh	40, 49.849, 125.002
Yxy	11.2706, 0.3500, 0.5374
Android (android.graphics.Color)	4282476818 (0xFF416912)
YUV	83.1220, -32.1051, -15.8930
Hunter-Lab	33.5717, -19.7220, 19.3296

Details

The Yxy color **11.2706, 0.3500, 0.5374** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **2.3537, 0.2207, 0.1151**, and the grayscale version is **8.7426, 0.3127, 0.3290**.

A 20% lighter version of the original color is **28.3255, 0.3480, 0.4816**, and **3.0118, 0.3172, 0.5864** is the 20% darker color. If you saturate the color by 10%, you get **11.0860, 0.3476, 0.5532**, and if you desaturate by 10%, it is **11.4856, 0.3504, 0.5173**.

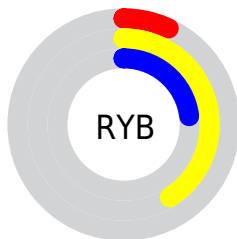
Distribution



Red (25%)

Green (41%)

Blue (7%)



Red (7%)

Yellow (41%)

Blue (23%)

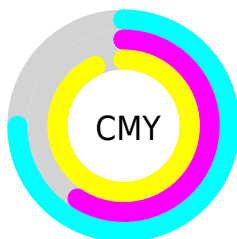


Cyan (38%)

Magenta (0%)

Yellow (83%)

Black (59%)



Cyan (75%)


Magenta (59%)

Yellow (93%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.2706, 0.3500, 0.5374 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 11.2706, 0.3500, 0.5374 by changing the saturation by 10% instead.


 11.2706, 0.3500,
0.5374

 11.2706, 0.3500,
0.5374


199.5147, 0.3351,
0.4053

 6.2491, 0.3468,
0.5819


 28.1595, 0.3478,
0.4812


 2.9972, 0.3405,
0.6595

 40.7957, 0.3456,
0.4626


 1.1303, 0.2404,
0.7596

 56.7390, 0.3435,
0.4479

 0.0036, 0.0000,
1.0000

 76.3737, 0.3415,
0.4361


 0.0000, 0.0000,
0.0000


 100.0842, 0.3396,
0.4263

 128.2549, 0.3380,


0.4182


 161.2703, 0.3365,
0.4113

 11.2706, 0.3500,
0.5374


 11.2706, 0.3500,
0.5374


 11.0860, 0.3476,
0.5532


 11.4856, 0.3504,
0.5173

 10.9650, 0.3456,
0.5638

 11.7323, 0.3488,
0.4935

 12.0130, 0.3455,
0.4673

 12.3295, 0.3407,
0.4398

 12.6835, 0.3349,
0.4121

■ 13.0764, 0.3284,
0.3851

■ 13.5097, 0.3216,
0.3595

■ 13.9847, 0.3147,
0.3355

■ 14.5026, 0.3078,
0.3134

Harmonies

Analogous

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



11.2706, 0.4445, 0.4938



11.2706, 0.3500, 0.5374



11.2706, 0.2514, 0.4923

Triad

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



11.2706, 0.3500, 0.5374



11.2706, 0.1399, 0.1936



11.2706, 0.4609, 0.2767

Complementary

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



11.2706, 0.3500, 0.5374



2.3537, 0.2207, 0.1151

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.



11.2706, 0.3488, 0.2194



11.2706, 0.3500, 0.5374



11.2706, 0.1734, 0.1730

Square

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



11.2706, 0.3500, 0.5374



11.2706, 0.1393, 0.2554



11.2706, 0.2433, 0.1830



11.2706, 0.5239, 0.3450

Rectangle

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



11.2706, 0.3500, 0.5374



11.2706, 0.1965, 0.4124



11.2706, 0.2433, 0.1830



11.2706, 0.4262, 0.2559

Sweetspot

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



11.2711, 0.3500, 0.5374



23.2035, 0.3303, 0.3928



5.9895, 0.5027, 0.4065



5.3933, 0.3320, 0.3996



55.4222, 0.3127, 0.3290



5.9254, 0.3127, 0.3290

Same Dimension

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



11.2711, 0.3500, 0.5374



19.5895, 0.3442, 0.5640



10.3224, 0.3039, 0.5704



3.5177, 0.3189, 0.3500



13.8607, 0.3448, 0.5644



70.1049, 0.3410, 0.5674

Inverse Universe

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



2.3537, 0.2207, 0.1151



2.9491, 0.1983, 0.0873



4.2000, 0.3108, 0.1613



3.0870, 0.3061, 0.3079



2.0745, 0.1987, 0.0868



10.0651, 0.1931, 0.0837

Previews

White Background



This preview shows how the Yxy color 11.2706, 0.3500, 0.5374 looks on a white background.

Color Contrast Check

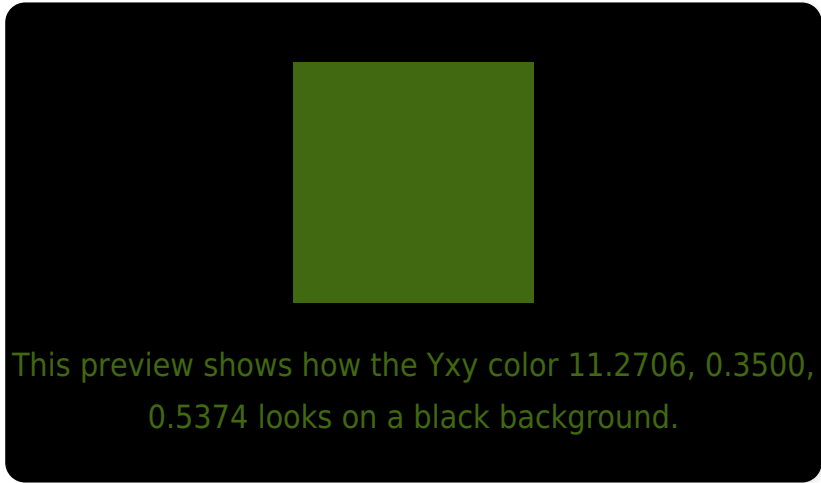
Large Text (above 18pt) WCAG AA ✓ Pass

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

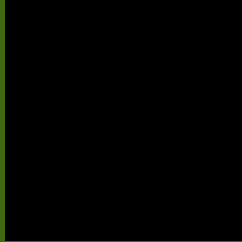
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 11.2706, 0.3500, 0.5374

Background



This preview shows how black text looks on a background with the Yxy color 11.2706, 0.3500, 0.5374.



This preview shows how white text looks on a background with the Yxy color 11.2706, 0.3500, 0.5374.

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

11.2706, 0.3500, 0.5374

Protanopia

11.1041, 0.4324, 0.4786

Deuteranopia

11.0754, 0.4515, 0.4448



Tritanopia

11.3125, 0.2722, 0.3094

Trichromacy



Original Color

11.2706, 0.3500, 0.5374

Protanomaly

10.9969, 0.4003, 0.5016

Deuteranomaly

10.9030, 0.4128, 0.4786

Tritanomaly

11.1795, 0.3066, 0.4003

Monochromacy



Original Color

11.2706, 0.3500, 0.5374

Achromatopsia

8.6500, 0.3127, 0.3290

Achromatomaly

9.3344, 0.3355, 0.4169

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.2706, 0.3500, 0.5374 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(65, 105, 18)` looks like.

```
.text, #text, p{  
    color:rgb(65, 105, 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(65, 105, 18) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 105, 18) }
```

Border

The CSS property to change the border of an element to Yxy 11.2706, 0.3500, 0.5374 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(65, 105, 18) }
```

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

```
.border{ border-color:rgb(65, 105, 18) }
```

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

Here you see how a box with a 4 pixel `rgb(65, 105, 18)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 105, 18); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 105, 18);  
box-shadow:4px 4px 4px 4px rgb(65, 105,  
18) }
```


Background

The CSS property to change the background color of an element to Yxy 11.2706, 0.3500, 0.5374 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 105, 18) }
```

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

```
.background{ background-color: rgb(65, 105,  
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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