

Converting Colors

$Y_{xy}(11.4956, 0.3476, 0.5302)$

Have a look what the booklet for
Yxy(11.4956, 0.3476, 0.5302)
contains.

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Color

Yxy(11.5282, 0.3478, 0.5307)

Conversions

Conversions Part 1

Format	Color
Hex	426A17
RGB	66, 106, 23
RGB Percent	26%, 42%, 9%
CMY	0.7412, 0.5843, 0.9097
CMYK	0.38, 0.00, 0.78, 0.58
HSL	89°, 64%, 25%
HSV	89°, 78%, 42%
XYZ	7.5551, 11.5282, 2.6393
YIQ	84.5780, 2.8030, -34.2930

Conversions

Conversions Part 2

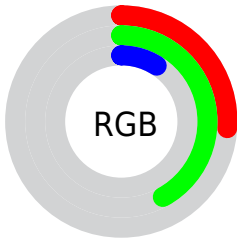
Format	Color
RYB	23, 106, 63
Decimal	4352535
CIELab	40.46, -28.36, 39.46
CIELCh	40, 48.593, 125.710
Yxy	11.5282, 0.3478, 0.5307
Android (android.graphics.Color)	4282542615 (0xFF426A17)
YUV	84.5780, -30.3580, -16.2929
Hunter-Lab	33.9532, -19.6990, 19.1584

Details

The Yxy color **11.5282, 0.3478, 0.5307** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **2.7134, 0.2300, 0.1258**, and the grayscale version is **9.0561, 0.3127, 0.3290**.

A 20% lighter version of the original color is **28.7863, 0.3458, 0.4762**, and **3.1277, 0.3196, 0.5845** is the 20% darker color. If you saturate the color by 10%, you get **11.3246, 0.3460, 0.5488**, and if you desaturate by 10%, it is **11.7657, 0.3476, 0.5084**.

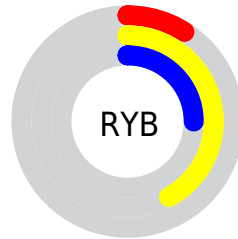
Distribution



Red (26%)

Green (42%)

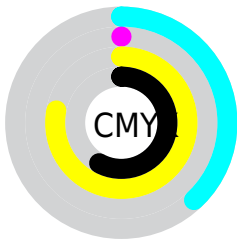
Blue (9%)



Red (9%)

Yellow (42%)

Blue (25%)

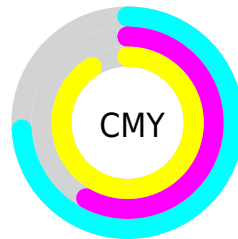


Cyan (38%)

Magenta (0%)

Yellow (78%)

Black (58%)



Cyan (74%)


Magenta (58%)

Yellow (91%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.5282, 0.3478, 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 11.5282, 0.3478, 0.5307 by changing the saturation by 10% instead.


 11.5282, 0.3478,
0.5307

 11.5282, 0.3478,
0.5307


201.2563, 0.3336,
0.4029


 6.4233, 0.3448,
0.5737


 28.6328, 0.3455,
0.4762


 3.1041, 0.3434,
0.6566

 41.4014, 0.3434,
0.4582


 1.1863, 0.2558,
0.7442

 57.4932, 0.3414,
0.4440

 0.0505, 0.0000,
1.0000


 77.2928, 0.3395,
0.4326


 0.0000, 0.0000,
0.0000


 101.1845, 0.3378,
0.4232


 129.5528, 0.3363,


0.4153

 162.7819, 0.3349,
0.4086

 11.5282, 0.3478,
0.5307


 11.5282, 0.3478,
0.5307


 11.3246, 0.3460,
0.5488


 11.7657, 0.3476,
0.5084


 11.1468, 0.3430,
0.5637

 12.0377, 0.3455,
0.4830

 11.1176, 0.3425,
0.5663

 12.3469, 0.3418,
0.4556

 12.6949, 0.3368,
0.4276

 13.0835, 0.3310,
0.4000

■ 13.5140, 0.3247,
0.3734

■ 13.9881, 0.3182,
0.3483

■ 14.5071, 0.3116,
0.3251

■ 15.0722, 0.3051,
0.3039

Harmonies

Analogous

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



11.5282, 0.4401, 0.4917



11.5282, 0.3478, 0.5307



11.5282, 0.2517, 0.4839

Triad

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



11.5282, 0.3478, 0.5307



11.5282, 0.1444, 0.1965



11.5282, 0.4584, 0.2800

Complementary

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



11.5282, 0.3478, 0.5307



2.7134, 0.2300, 0.1258

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.



11.5282, 0.3506, 0.2234



11.5282, 0.3478, 0.5307



11.5282, 0.1782, 0.1767

Square

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



11.5282, 0.3478, 0.5307



11.5282, 0.1432, 0.2562



11.5282, 0.2475, 0.1871



11.5282, 0.5181, 0.3473

Rectangle

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



11.5282, 0.3478, 0.5307



11.5282, 0.1985, 0.4066



11.5282, 0.2475, 0.1871



11.5282, 0.4252, 0.2595

Sweetspot

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



11.5287, 0.3478, 0.5307



23.3009, 0.3282, 0.3875



6.5450, 0.4875, 0.4086



5.4112, 0.3299, 0.3947



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.



11.5287, 0.3478, 0.5307



19.6159, 0.3431, 0.5601



10.5879, 0.3036, 0.5610



3.5146, 0.3186, 0.3500



13.7760, 0.3417, 0.5669



69.6753, 0.3379, 0.5699

Inverse Universe

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



2.7134, 0.2300, 0.1258



3.3336, 0.2080, 0.0959



4.5526, 0.3142, 0.1677



3.0901, 0.3064, 0.3080



2.1488, 0.2028, 0.0891



10.4367, 0.1972, 0.0860

Previews

White Background



This preview shows how the Yxy color 11.5282, 0.3478, 0.5307 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



This preview shows how the Yxy color 11.5282, 0.3478, 0.5307 looks on a 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 11.5282, 0.3478, 0.5307

Background



This preview shows how black text looks on a background with the Yxy color 11.5282, 0.3478, 0.5307.



This preview shows how white text looks on a background with the Yxy color 11.5282, 0.3478, 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

11.5282, 0.3478, 0.5307

Protanopia

11.3607, 0.4292, 0.4742

Deuteranopia

11.3280, 0.4485, 0.4419



Tritanopia

11.5630, 0.2725, 0.3096

Trichromacy



Original Color

11.5282, 0.3478, 0.5307

Protanomaly

11.2531, 0.3975, 0.4964

Deuteranomaly

11.1542, 0.4105, 0.4752

Tritanomaly

11.4410, 0.3054, 0.3969

Monochromacy



Original Color

11.5282, 0.3478, 0.5307

Achromatopsia

9.0842, 0.3127, 0.3290

Achromatomaly

9.7962, 0.3337, 0.4124

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.5282, 0.3478, 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(66, 106, 23)` looks like.

```
.text, #text, p{  
    color:rgb(66, 106, 23)  
}
```

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(66, 106, 23) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 106, 23) }
```

Border

The CSS property to change the border of an element to Yxy 11.5282, 0.3478, 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(66, 106, 23) }
```

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

```
.border{ border-color:rgb(66, 106, 23) }
```

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

Here you see how a box with a 4 pixel `rgb(66, 106, 23)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 106, 23); -webkit-box-  
shadow:4px 4px 4px 4px rgb(66, 106, 23);  
box-shadow:4px 4px 4px 4px rgb(66, 106,  
23) }
```


Background

The CSS property to change the background color of an element to Yxy 11.5282, 0.3478, 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(66, 106, 23) }
```

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

```
.background{ background-color: rgb(66, 106,  
23) }
```

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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