

Converting Colors

$Y_{xy}(11.3411, 0.3612, 0.5067)$

Have a look what the booklet for
Yxy(11.3411, 0.3612, 0.5067)
contains.

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Color

Yxy(11.3257, 0.3611, 0.5078)

Conversions

Conversions Part 1

Format	Color
Hex	4C671D
RGB	76, 103, 29
RGB Percent	30%, 40%, 11%
CMY	0.7019, 0.5961, 0.8863
CMYK	0.26, 0.00, 0.72, 0.60
HSL	82°, 56%, 26%
HSV	82°, 72%, 40%
XYZ	8.0538, 11.3257, 2.9240
YIQ	86.4910, 7.6620, -28.7380

Conversions

Conversions Part 2

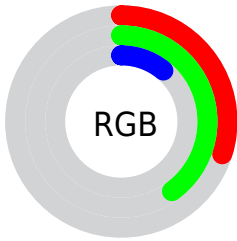
Format	Color
R _Y B	29, 103, 56
Decimal	5007133
CIE Lab	40.12, -22.30, 36.87
CIE LCh	40, 43.092, 121.165
Yxy	11.3257, 0.3611, 0.5078
Android (android.graphics.Color)	4283197213 (0xFF4C671D)
YUV	86.4910, -28.3431, -9.2006
Hunter-Lab	33.6537, -16.1765, 18.4062

Details

The Yxy color **11.3257, 0.3611, 0.5078** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **2.6982, 0.2222, 0.1327**, and the grayscale version is **9.4777, 0.3127, 0.3290**.

A 20% lighter version of the original color is **28.1733, 0.3534, 0.4592**, and **3.0896, 0.3489, 0.5612** is the 20% darker color. If you saturate the color by 10%, you get **11.1341, 0.3622, 0.5267**, and if you desaturate by 10%, it is **11.5444, 0.3579, 0.4855**.

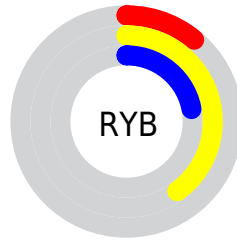
Distribution



Red (30%)

Green (40%)

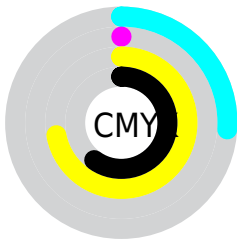
Blue (11%)



Red (11%)

Yellow (40%)

Blue (22%)

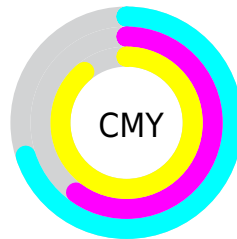


Cyan (26%)

Magenta (0%)

Yellow (72%)

Black (60%)



Cyan (70%)


Magenta (60%)


Yellow (89%)


Brightness & Saturation Gradients


These gradients show how the Yxy color 11.3257, 0.3611, 0.5078 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 11.3257, 0.3611, 0.5078 by changing the saturation by 10% instead.


 11.3257, 0.3611,
0.5078


 11.3257, 0.3611,
0.5078

 199.8886, 0.3371,
0.3952


 6.2864, 0.3629,
0.5455


 28.2609, 0.3539,
0.4599


 3.0200, 0.3741,
0.6259

 40.9255, 0.3505,
0.4441


 1.1422, 0.3132,
0.6868

 56.9007, 0.3475,
0.4316

 0.0137, 0.0000,
1.0000

 76.5708, 0.3448,
0.4215


 0.0000, 0.0000,
0.0000


 100.3203, 0.3425,
0.4132


 128.5335, 0.3405,

0.4062


 161.5948, 0.3387,
0.4003


 11.3257, 0.3611,
0.5078


 11.3257, 0.3611,
0.5078


 11.1341, 0.3622,
0.5267


 11.5444, 0.3579,
0.4855


 10.9659, 0.3612,
0.5414

 11.7902, 0.3529,
0.4607

 10.8393, 0.3598,
0.5525

 12.0654, 0.3464,
0.4345

 12.3711, 0.3390,
0.4079

 12.7087, 0.3309,
0.3818

■ 13.0795, 0.3226,
0.3568

■ 13.4844, 0.3142,
0.3332

■ 13.9246, 0.3061,
0.3112

■ 14.4011, 0.2982,
0.2911

Harmonies

Analogous

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



11.3257, 0.4422, 0.4703



11.3257, 0.3611, 0.5078



11.3257, 0.2723, 0.4765

Triad

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



11.3257, 0.3611, 0.5078



11.3257, 0.1561, 0.2150



11.3257, 0.4301, 0.2767

Complementary

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



11.3257, 0.3611, 0.5078



2.6982, 0.2222, 0.1327

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.



11.3257, 0.3322, 0.2262



11.3257, 0.3611, 0.5078



11.3257, 0.1831, 0.1906

Square

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



11.3257, 0.3611, 0.5078



11.3257, 0.1604, 0.2772



11.3257, 0.2425, 0.1958



11.3257, 0.4930, 0.3389

Rectangle

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



11.3257, 0.3611, 0.5078



11.3257, 0.2204, 0.4146



11.3257, 0.2425, 0.1958



11.3257, 0.3991, 0.2581

Sweetspot

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



11.3262, 0.3611, 0.5078



22.7066, 0.3316, 0.3839



5.6951, 0.4864, 0.3860



5.5110, 0.3332, 0.3888



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.



11.3262, 0.3611, 0.5078



19.7321, 0.3618, 0.5370



10.2420, 0.3129, 0.5385



3.2206, 0.3201, 0.3497



13.6177, 0.3591, 0.5530



70.5167, 0.3557, 0.5557

Inverse Universe

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



2.6982, 0.2222, 0.1327



3.2180, 0.1986, 0.0974



4.1282, 0.2956, 0.1674



2.8077, 0.3048, 0.3081



1.7208, 0.1830, 0.0782



8.5160, 0.1774, 0.0751

Previews

White Background



This preview shows how the Yxy color 11.3257, 0.3611, 0.5078 looks on a white background.

Color Contrast Check

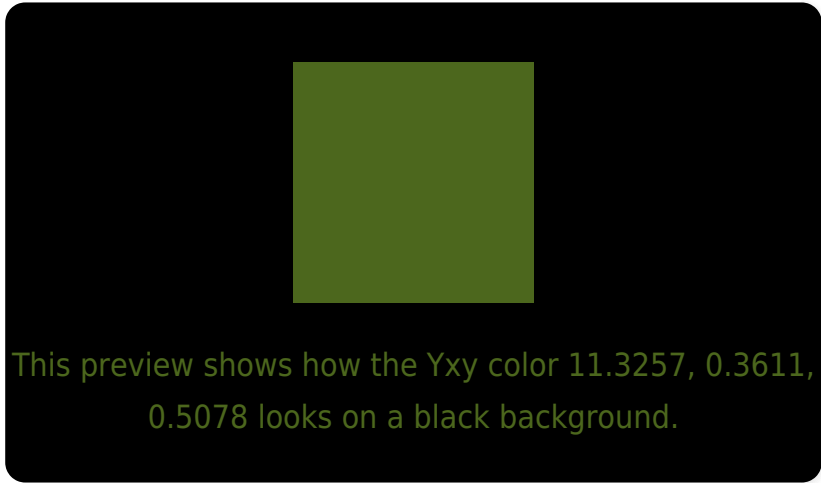
Large Text (above 18pt) WCAG AA ✓ Pass

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

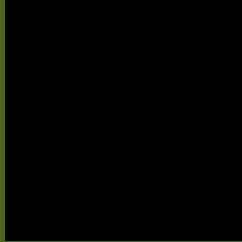
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 11.3257, 0.3611, 0.5078

Background



This preview shows how black text looks on a background with the Yxy color 11.3257, 0.3611, 0.5078.



This preview shows how white text looks on a background with the Yxy color 11.3257, 0.3611, 0.5078.

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

11.3257, 0.3611, 0.5078

Protanopia

11.3277, 0.4221, 0.4672

Deuteranopia

11.2794, 0.4428, 0.4375



Tritanopia

11.2965, 0.2861, 0.3099

Trichromacy



Original Color

11.3257, 0.3611, 0.5078

Protanomaly

11.2521, 0.3985, 0.4823

Deuteranomaly

11.1723, 0.4124, 0.4632

Tritanomaly

11.2533, 0.3174, 0.3849

Monochromacy



Original Color

11.3257, 0.3611, 0.5078

Achromatopsia

9.3059, 0.3127, 0.3290

Achromatomaly

9.8298, 0.3364, 0.4003

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.3257, 0.3611, 0.5078 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(76, 103, 29)` looks like.

```
.text, #text, p{  
    color:rgb(76, 103, 29)  
}
```

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(76, 103, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 103, 29) }
```

Border

The CSS property to change the border of an element to Yxy 11.3257, 0.3611, 0.5078 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(76, 103, 29) }
```

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

```
.border{ border-color:rgb(76, 103, 29) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 103, 29)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 103, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 103, 29);  
box-shadow:4px 4px 4px 4px rgb(76, 103,  
29) }
```


Background

The CSS property to change the background color of an element to Yxy 11.3257, 0.3611, 0.5078 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 103, 29) }
```

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

```
.background{ background-color: rgb(76, 103,  
29) }
```

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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