

Converting Colors

$Y_{xy}(11.5717, 0.4038, 0.4696)$

Have a look what the booklet for
Yxy(11.5717, 0.4038, 0.4696)
contains.

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Color

Yxy(11.6119, 0.4040, 0.4687)

Conversions

Conversions Part 1

Format	Color
Hex	656221
RGB	101, 98, 33
RGB Percent	40%, 38%, 13%
CMY	0.6039, 0.6157, 0.8705
CMYK	0.00, 0.03, 0.67, 0.60
HSL	57°, 51%, 26%
HSV	57°, 67%, 40%
XYZ	10.0090, 11.6119, 3.1538
YIQ	91.4870, 22.6530, -19.5790

Conversions

Conversions Part 2

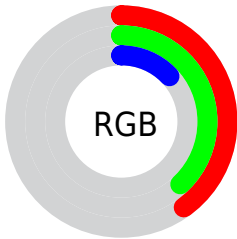
Format	Color
R_{YB}	36, 101, 33
Decimal	6644257
CIE Lab	40.59, -7.82, 36.15
CIE LCh	41, 36.988, 102.206
Yxy	11.6119, 0.4040, 0.4687
Android (android.graphics.Color)	4284834337 (0xFF656221)
YUV	91.4870, -28.8341, 8.3429
Hunter-Lab	34.0762, -7.2038, 18.3660

Details

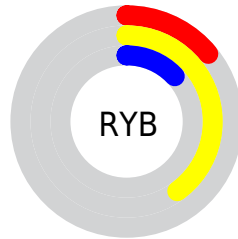
The Yxy color **11.6119, 0.4040, 0.4687** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **2.5256, 0.1925, 0.1348**, and the grayscale version is **10.6426, 0.3127, 0.3290**.

A 20% lighter version of the original color is **28.6439, 0.3848, 0.4339**, and **3.1860, 0.4193, 0.5053** is the 20% darker color. If you saturate the color by 10%, you get **11.4811, 0.4132, 0.4818**, and if you desaturate by 10%, it is **11.7613, 0.3928, 0.4523**.

Distribution



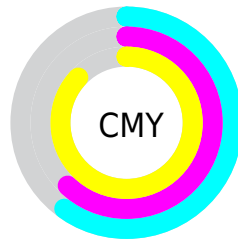
- Red (40%)
- Green (38%)
- Blue (13%)



- Red (14%)
- Yellow (40%)
- Blue (13%)



- Cyan (0%)
- Magenta (3%)
- Yellow (67%)
- Black (60%)





- Cyan (60%)
- Magenta (62%)
- Yellow (87%)


Brightness & Saturation Gradients


These gradients show how the Yxy color 11.6119, 0.4040, 0.4687 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 11.6119, 0.4040, 0.4687 by changing the saturation by 10% instead.


 11.6119, 0.4040,
0.4687


 11.6119, 0.4040,
0.4687


 201.8188, 0.3520,
0.3845


 6.4800, 0.4167,
0.4939


 28.7863, 0.3843,
0.4345


 3.1391, 0.4493,
0.5507

 41.5975, 0.3770,
0.4227

 1.2048, 0.4347,
0.5653

 57.7373, 0.3710,
0.4131

 0.0656, 0.0000,
1.0000

 77.5901, 0.3659,
0.4053

 0.0000, 0.0000,
0.0000

 101.5402, 0.3616,
0.3988

 129.9721, 0.3580,

0.3933

163.2702, 0.3548,
0.3886

11.6119, 0.4040,
0.4687

11.6119, 0.4040,
0.4687

11.4811, 0.4132,
0.4818

11.7613, 0.3928,
0.4523

11.3656, 0.4201,
0.4911

11.9290, 0.3800,
0.4331

11.2609, 0.4253,
0.4976

12.1168, 0.3662,
0.4121

11.2329, 0.4268,
0.4994

12.3258, 0.3517,
0.3899

12.5570, 0.3372,
0.3673

■ 12.8116, 0.3228,
0.3449

■ 13.0902, 0.3091,
0.3233

■ 13.3940, 0.2960,
0.3027

■ 13.7235, 0.2839,
0.2833

Harmonies

Analogous

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



11.6119, 0.4588, 0.4214



11.6119, 0.4040, 0.4687



11.6119, 0.3289, 0.4776

Triad

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



11.6119, 0.4040, 0.4687



11.6119, 0.1743, 0.2621



11.6119, 0.3618, 0.2540

Complementary

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



11.6119, 0.4040, 0.4687



2.5256, 0.1925, 0.1348

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.



11.6119, 0.2789, 0.2193



11.6119, 0.4040, 0.4687



11.6119, 0.1804, 0.2189

Square

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



11.6119, 0.4040, 0.4687



11.6119, 0.1985, 0.3379



11.6119, 0.2155, 0.2063



11.6119, 0.4378, 0.3043

Rectangle

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



11.6119, 0.4040, 0.4687



11.6119, 0.2774, 0.4495



11.6119, 0.2155, 0.2063



11.6119, 0.3332, 0.2403

Sweetspot

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



11.6124, 0.4040, 0.4687



21.4255, 0.3419, 0.3746



3.9852, 0.5043, 0.3223



5.2521, 0.3448, 0.3792



53.8236, 0.3127, 0.3290



5.4972, 0.3127, 0.3290

Same Dimension

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



11.6124, 0.4040, 0.4687



19.5904, 0.4176, 0.4878



10.7339, 0.3508, 0.5031



3.2484, 0.3251, 0.3485



14.7145, 0.4269, 0.4993



76.4002, 0.4273, 0.4989

Inverse Universe

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



2.5256, 0.1925, 0.1348



2.7119, 0.1681, 0.0935



3.1052, 0.2403, 0.1498



2.7813, 0.2999, 0.3087



1.3417, 0.1513, 0.0648



6.6576, 0.1506, 0.0619

Previews

White Background



This preview shows how the Yxy color 11.6119, 0.4040, 0.4687 looks on a white background.

Color Contrast Check

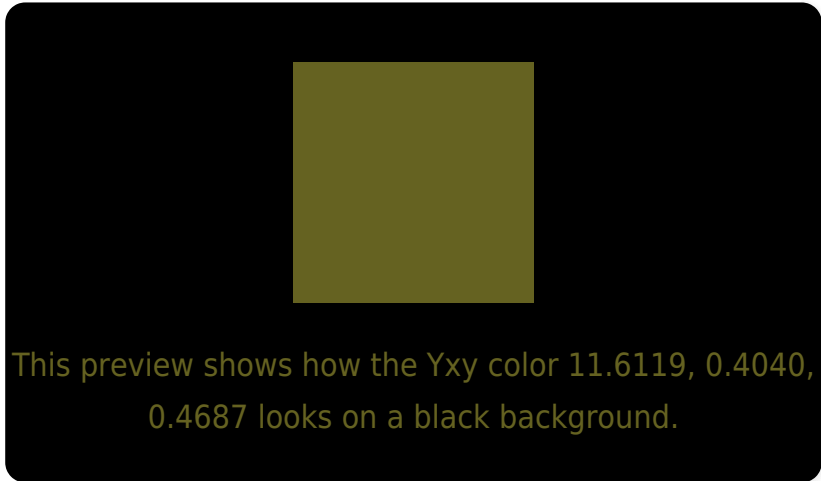
Large Text (above 18pt) WCAG AA ✓ Pass

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

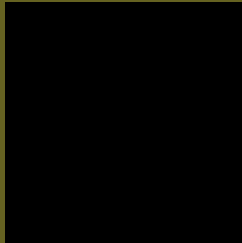
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 11.6119, 0.4040, 0.4687

Background



This preview shows how black text looks on a background with the Yxy color 11.6119, 0.4040, 0.4687.



This preview shows how white text looks on a background with the Yxy color 11.6119, 0.4040, 0.4687.

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

11.6119, 0.4040, 0.4687

Protanopia

11.5958, 0.4177, 0.4610

Deuteranopia

11.5255, 0.4417, 0.4369



Tritanopia

11.6809, 0.3260, 0.3136

Trichromacy



Original Color

11.6119, 0.4040, 0.4687

Protanomaly

11.6569, 0.4130, 0.4646

Deuteranomaly

11.5656, 0.4269, 0.4499

Tritanomaly

11.5167, 0.3591, 0.3726

Monochromacy



Original Color

11.6119, 0.4040, 0.4687

Achromatopsia

10.4616, 0.3127, 0.3290

Achromatomaly

10.8805, 0.3499, 0.3874

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.6119, 0.4040, 0.4687 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(101, 98, 33)` looks like.

```
.text, #text, p{  
    color:rgb(101, 98, 33)  
}
```

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(101, 98, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 98, 33) }
```

Border

The CSS property to change the border of an element to Yxy 11.6119, 0.4040, 0.4687 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(101, 98, 33) }
```

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

```
.border{ border-color:rgb(101, 98, 33) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 98, 33)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 98, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 98, 33);  
box-shadow:4px 4px 4px 4px rgb(101, 98,  
33) }
```


Background

The CSS property to change the background color of an element to Yxy 11.6119, 0.4040, 0.4687 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 98, 33) }
```

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

```
.background{ background-color: rgb(101, 98,  
33) }
```

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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