

Converting Colors

$Y_{xy}(11.9292, 0.3882, 0.4719)$

Have a look what the booklet for
Yxy(11.9292, 0.3882, 0.4719)
contains.

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Color

Yxy(11.9277, 0.3882, 0.4719)

Conversions

Conversions Part 1

Format	Color
Hex	606525
RGB	96, 101, 37
RGB Percent	38%, 40%, 15%
CMY	0.6235, 0.6039, 0.8549
CMYK	0.05, 0.00, 0.63, 0.60
HSL	65°, 46%, 27%
HSV	65°, 63%, 40%
XYZ	9.8121, 11.9277, 3.5361
YIQ	92.2090, 17.5640, -20.9640

Conversions

Conversions Part 2

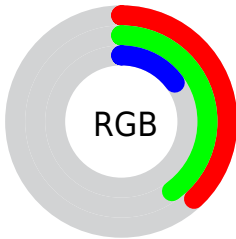
Format	Color
R_{YB}	37, 101, 42
Decimal	6317349
CIE _{Lab}	41.10, -11.57, 34.64
CIE _{LCh}	41, 36.522, 108.469
Yxy	11.9277, 0.3882, 0.4719
Android (android.graphics.Color)	4284507429 (0xFF606525)
YUV	92.2090, -27.2180, 3.3247
Hunter-Lab	34.5365, -9.7255, 18.1050

Details

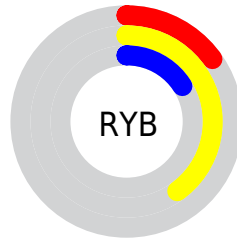
The Yxy color **11.9277, 0.3882, 0.4719** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **2.7557, 0.2049, 0.1424**, and the grayscale version is **10.8149, 0.3127, 0.3290**.

A 20% lighter version of the original color is **29.4082, 0.3719, 0.4361**, and **3.2667, 0.4028, 0.5184** is the 20% darker color. If you saturate the color by 10%, you get **11.8308, 0.3958, 0.4882**, and if you desaturate by 10%, it is **12.0437, 0.3786, 0.4525**.

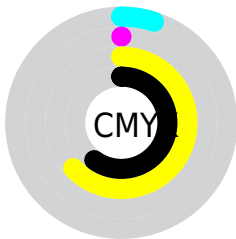
Distribution



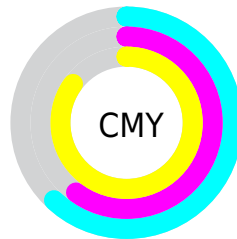
- Red (38%)
- Green (40%)
- Blue (15%)



- Red (15%)
- Yellow (40%)
- Blue (16%)



- Cyan (5%)
- Magenta (0%)
- Yellow (63%)
- Black (60%)



- Cyan (62%)
- Magenta (60%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 11.9277, 0.3882, 0.4719 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 11.9277, 0.3882, 0.4719 by changing the saturation by 10% instead.

■ 11.9277, 0.3882,
0.4719

■ 11.9277, 0.3882,
0.4719

■ 203.9261, 0.3459,
0.3846

■ 6.6945, 0.3981,
0.4994

■ 29.3634, 0.3724,
0.4358

■ 3.2718, 0.4225,
0.5568

■ 42.3346, 0.3665,
0.4235

■ 1.2752, 0.4101,
0.5899

■ 58.6539, 0.3615,
0.4137

■ 0.1219, 0.0000,
1.0000

■ 78.7057, 0.3574,
0.4057

■ 0.0000, 0.0000,
0.0000

■ 102.8745, 0.3538,
0.3991

■ 131.5445, 0.3508,

0.3935

165.1002, 0.3482,
0.3887

11.9277, 0.3882,
0.4719

11.9277, 0.3882,
0.4719

11.8308, 0.3958,
0.4882

12.0437, 0.3786,
0.4525

11.7498, 0.4013,
0.5009

12.1785, 0.3675,
0.4308

11.6830, 0.4046,
0.5099

12.3338, 0.3554,
0.4076

11.6408, 0.4065,
0.5154

12.5107, 0.3426,
0.3837

12.7103, 0.3297,
0.3598

■ 12.9334, 0.3169,
0.3366

■ 13.1811, 0.3046,
0.3144

■ 13.4540, 0.2928,
0.2934

■ 13.7531, 0.2818,
0.2740

Harmonies

Analogous

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



11.9277, 0.4475, 0.4313



11.9277, 0.3882, 0.4719



11.9277, 0.3128, 0.4685

Triad

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



11.9277, 0.3882, 0.4719



11.9277, 0.1756, 0.2520



11.9277, 0.3781, 0.2647

Complementary

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



11.9277, 0.3882, 0.4719



2.7557, 0.2049, 0.1424

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.



11.9277, 0.2956, 0.2268



11.9277, 0.3882, 0.4719



11.9277, 0.1876, 0.2161

Square

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



11.9277, 0.3882, 0.4719



11.9277, 0.1931, 0.3202



11.9277, 0.2282, 0.2092



11.9277, 0.4466, 0.3165

Rectangle

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



11.9277, 0.3882, 0.4719



11.9277, 0.2634, 0.4328



11.9277, 0.2282, 0.2092



11.9277, 0.3504, 0.2501

Sweetspot

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



11.9282, 0.3882, 0.4719



21.6041, 0.3377, 0.3745



4.5054, 0.4895, 0.3391



5.2986, 0.3404, 0.3795



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.



11.9282, 0.3882, 0.4719



20.2408, 0.3987, 0.4947



10.5560, 0.3386, 0.4999



3.2576, 0.3240, 0.3495



15.2561, 0.4063, 0.5156



79.3959, 0.4055, 0.5162

Inverse Universe

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



2.7557, 0.2049, 0.1424



3.0340, 0.1797, 0.1017



3.6905, 0.2604, 0.1663



2.7730, 0.3009, 0.3078



1.2898, 0.1542, 0.0623



6.5633, 0.1519, 0.0611

Previews

White Background



This preview shows how the Yxy color 11.9277, 0.3882, 0.4719 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 11.9277, 0.3882, 0.4719 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

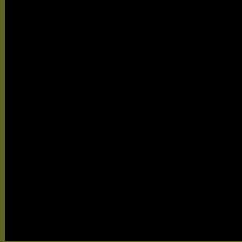
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 11.9277, 0.3882, 0.4719

Background



This preview shows how black text looks on a background with the Yxy color 11.9277, 0.3882, 0.4719.



This preview shows how white text looks on a background with the Yxy color 11.9277, 0.3882, 0.4719.

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

11.9277, 0.3882, 0.4719

Protanopia

11.8649, 0.4140, 0.4558

Deuteranopia

11.8006, 0.4362, 0.4305



Tritanopia

11.9685, 0.3134, 0.3134

Trichromacy



Original Color

11.9277, 0.3882, 0.4719

Protanomaly

11.8058, 0.4060, 0.4612

Deuteranomaly

11.7104, 0.4184, 0.4449

Tritanomaly

11.8088, 0.3448, 0.3734

Monochromacy



Original Color

11.9277, 0.3882, 0.4719

Achromatopsia

10.7023, 0.3127, 0.3290

Achromatomaly

10.9795, 0.3431, 0.3854

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.9277, 0.3882, 0.4719 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(96, 101, 37)` looks like.

```
.text, #text, p{  
    color:rgb(96, 101, 37)  
}
```

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(96, 101, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 101, 37) }
```

Border

The CSS property to change the border of an element to Yxy 11.9277, 0.3882, 0.4719 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(96, 101, 37) }
```

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

```
.border{ border-color:rgb(96, 101, 37) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 101, 37)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 101, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 101, 37);  
box-shadow:4px 4px 4px 4px rgb(96, 101,  
37) }
```


Background

The CSS property to change the background color of an element to Yxy 11.9277, 0.3882, 0.4719 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 101, 37) }
```

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

```
.background{ background-color: rgb(96, 101,  
37) }
```

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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