

Converting Colors

$Y_{xy}(11.3359, 0.5184, 0.4028)$

Have a look what the booklet for
Yxy(11.3359, 0.5184, 0.4028)
contains.

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Color

Yxy(11.3417, 0.5181, 0.4027)

Conversions

Conversions Part 1

Format	Color
Hex	924C17
RGB	146, 76, 23
RGB Percent	57%, 30%, 9%
CMY	0.4275, 0.7019, 0.9098
CMYK	0.00, 0.48, 0.84, 0.43
HSL	26°, 73%, 33%
HSV	26°, 84%, 57%
XYZ	14.5918, 11.3417, 2.2306
YIQ	90.8880, 58.7330, -1.6430

Conversions

Conversions Part 2

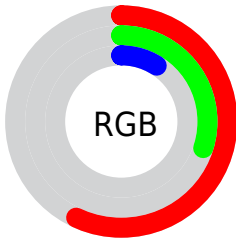
Format	Color
RYB	146, 116, 23
Decimal	9587735
CIELab	40.15, 25.70, 42.09
CIELCh	40, 49.313, 58.588
Yxy	11.3417, 0.5181, 0.4027
Android (android.graphics.Color)	4287777815 (0xFF924C17)
YUV	90.8880, -33.4688, 48.3332
Hunter-Lab	33.6774, 18.4054, 19.6472

Details

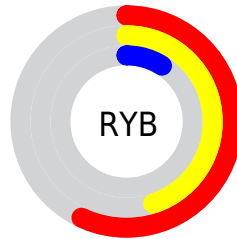
The Yxy color **11.3417, 0.5181, 0.4027** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **10.0821, 0.1962, 0.2093**, and the grayscale version is **10.5031, 0.3127, 0.3290**.

A 20% lighter version of the original color is **28.3558, 0.4705, 0.3950**, and **3.0524, 0.5742, 0.3823** is the 20% darker color. If you saturate the color by 10%, you get **10.2270, 0.5437, 0.3986**, and if you desaturate by 10%, it is **12.6375, 0.4893, 0.4017**.

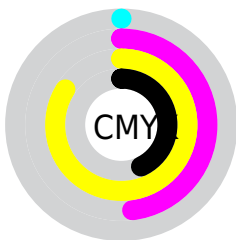
Distribution



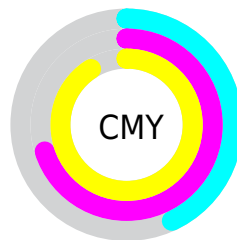
- Red (57%)
- Green (30%)
- Blue (9%)



- Red (57%)
- Yellow (45%)
- Blue (9%)



- Cyan (0%)
- Magenta (48%)
- Yellow (84%)
- Black (43%)





- Cyan (43%)
- Magenta (70%)
- Yellow (91%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.3417, 0.5181, 0.4027 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 11.3417, 0.5181, 0.4027 by changing the saturation by 10% instead.


 11.3417, 0.5181,
0.4027


 11.3417, 0.5181,
0.4027

199.9970, 0.3968,
0.3702


 6.2972, 0.5522,
0.4035


 28.2903, 0.4704,
0.3948


 3.0266, 0.6004,
0.3996

 40.9632, 0.4534,
0.3902


 1.1456, 0.6377,
0.3623

 56.9476, 0.4394,
0.3860

 0.0166, 0.9748,
0.0252


 76.6280, 0.4279,
0.3821


 0.0000, 0.0000,
0.0000


 100.3888, 0.4182,
0.3786


 128.6142, 0.4100,

0.3755


 161.6889, 0.4029,
0.3727

 11.3417, 0.5181,
0.4027

 11.3417, 0.5181,
0.4027


 10.2270, 0.5437,
0.3986


 12.6375, 0.4893,
0.4017

 9.6567, 0.5578,
0.3953

 14.1226, 0.4593,
0.3965

 15.8067, 0.4299,
0.3882

 17.6980, 0.4024,
0.3779

 19.8041, 0.3775,
0.3667

■ 22.1322, 0.3554,
0.3553

■ 24.6892, 0.3360,
0.3440

■ 27.4815, 0.3192,
0.3333

■ 30.5154, 0.3046,
0.3233

Harmonies

Analogous

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



11.3417, 0.5143, 0.3302



11.3417, 0.5181, 0.4027



11.3417, 0.4609, 0.4777

Triad

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



11.3417, 0.5181, 0.4027



11.3417, 0.1898, 0.3955



11.3417, 0.2261, 0.1799

Complementary

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



11.3417, 0.5181, 0.4027



10.0821, 0.1962, 0.2093

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.



11.3417, 0.1649, 0.1761



11.3417, 0.5181, 0.4027



11.3417, 0.1453, 0.2762

Square

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



11.3417, 0.5181, 0.4027



11.3417, 0.2724, 0.5083



11.3417, 0.1387, 0.2043



11.3417, 0.3241, 0.2108

Rectangle

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



11.3417, 0.5181, 0.4027



11.3417, 0.4031, 0.5188



11.3417, 0.1387, 0.2043



11.3417, 0.2015, 0.1755

Sweetspot

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



11.3423, 0.5181, 0.4027



38.5100, 0.3580, 0.3567



7.5444, 0.4277, 0.2270



8.2758, 0.3647, 0.3603



72.9347, 0.3127, 0.3290



11.2805, 0.3127, 0.3290

Same Dimension

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



11.3423, 0.5181, 0.4027



16.7150, 0.5610, 0.3927



23.7073, 0.4259, 0.4861



6.2019, 0.3272, 0.3386



8.5419, 0.5569, 0.3960



0.1613, 0.4892, 0.4498

Inverse Universe

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



10.0821, 0.1962, 0.2093



14.2531, 0.1837, 0.1812



3.3587, 0.1648, 0.0909



6.1477, 0.2989, 0.3192



7.3247, 0.1847, 0.1850



0.1483, 0.2041, 0.2547

Previews

White Background



This preview shows how the Yxy color 11.3417, 0.5181, 0.4027 looks on a white background.

Color Contrast Check

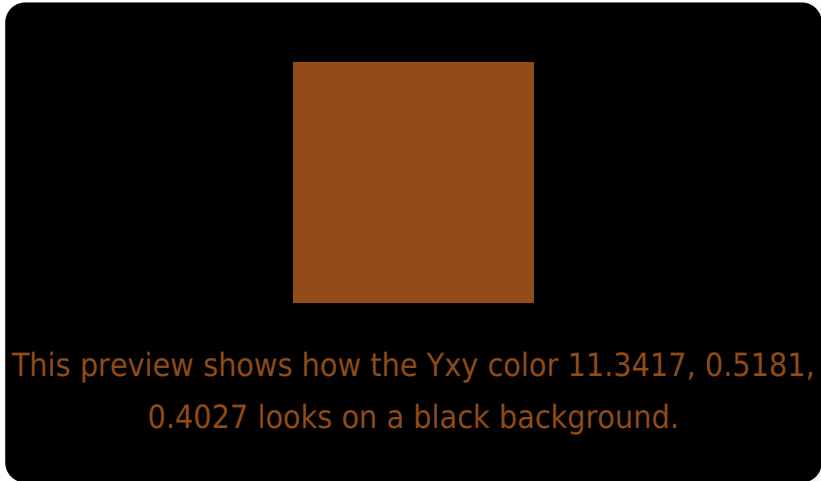
Large Text (above 18pt) WCAG AA ✓ Pass

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 11.3417, 0.5181, 0.4027

Background



This preview shows how black text looks on a background with the Yxy color 11.3417, 0.5181, 0.4027.



This preview shows how white text looks on a background with the Yxy color 11.3417, 0.5181, 0.4027.

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

11.3417, 0.5181, 0.4027

Protanopia

11.3941, 0.4229, 0.4649

Deuteranopia

11.3428, 0.4614, 0.4553



Tritanopia

11.3242, 0.4469, 0.3209

Trichromacy



Original Color

11.3417, 0.5181, 0.4027

Protanomaly

11.1190, 0.4589, 0.4413

Deuteranomaly

11.2111, 0.4822, 0.4353

Tritanomaly

11.2635, 0.4786, 0.3557

Monochromacy



Original Color

11.3417, 0.5181, 0.4027

Achromatopsia

10.4616, 0.3127, 0.3290

Achromatomaly

10.4284, 0.3896, 0.3739

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.3417, 0.5181, 0.4027 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(146, 76, 23)` looks like.

```
.text, #text, p{  
  color:rgb(146, 76, 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(146, 76, 23) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 76, 23) }
```

Border

The CSS property to change the border of an element to Yxy 11.3417, 0.5181, 0.4027 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(146, 76, 23) }
```

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

```
.border{ border-color:rgb(146, 76, 23) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 76, 23)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 76, 23); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 76, 23);  
box-shadow:4px 4px 4px 4px rgb(146, 76,  
23) }
```


Background

The CSS property to change the background color of an element to Yxy 11.3417, 0.5181, 0.4027 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 76, 23) }
```

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

```
.background{ background-color: rgb(146, 76,  
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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