

Converting Colors

$Y_{xy}(11.5220, 0.4552, 0.4569)$

Have a look what the booklet for
Yxy(11.5220, 0.4552, 0.4569)
contains.

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Color

Yxy(11.6232, 0.4543, 0.4571)

Conversions

Conversions Part 1

Format	Color
Hex	775C13
RGB	119, 92, 19
RGB Percent	47%, 36%, 7%
CMY	0.5334, 0.6392, 0.9253
CMYK	0.00, 0.23, 0.84, 0.53
HSL	44°, 72%, 27%
HSV	44°, 84%, 47%
XYZ	11.5520, 11.6232, 2.2529
YIQ	91.7510, 39.5250, -16.9790

Conversions

Conversions Part 2

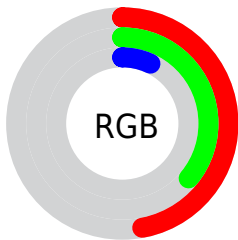
Format	Color
R_YB	56, 119, 19
Decimal	7822355
CIE Lab	40.61, 3.66, 42.70
CIE LCh	41, 42.855, 85.102
Yxy	11.6232, 0.4543, 0.4571
Android (android.graphics.Color)	4286012435 (0xFF775C13)
YUV	91.7510, -35.8662, 23.8974
Hunter-Lab	34.0928, 0.8205, 19.9469

Details

The Yxy color **11.6232, 0.4543, 0.4571** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **3.4277, 0.1769, 0.1325**, and the grayscale version is **10.7208, 0.3127, 0.3290**.

A 20% lighter version of the original color is **28.7743, 0.4230, 0.4316**, and **3.2263, 0.4756, 0.4606** is the 20% darker color. If you saturate the color by 10%, you get **11.0473, 0.4668, 0.4604**, and if you desaturate by 10%, it is **12.2439, 0.4393, 0.4496**.

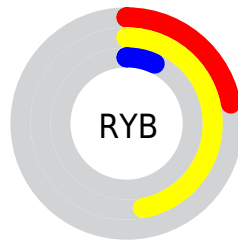
Distribution



Red (47%)

Green (36%)

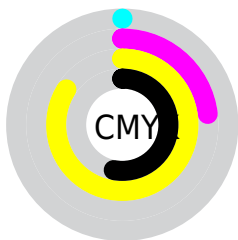
Blue (7%)



Red (22%)

Yellow (47%)

Blue (7%)

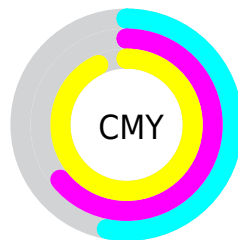


Cyan (0%)

Magenta (23%)

Yellow (84%)

Black (53%)



Cyan (53%)


Magenta (64%)


Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 11.6232, 0.4543, 0.4571 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 11.6232, 0.4543, 0.4571 by changing the saturation by 10% instead.

 11.6232, 0.4543,
0.4571


 11.6232, 0.4543,
0.4571


201.8946, 0.3731,
0.3858


 6.4877, 0.4751,
0.4735


 28.8070, 0.4235,
0.4311


 3.1438, 0.5045,
0.4955

 41.6240, 0.4121,
0.4210

 1.2073, 0.5109,
0.4891

 57.7702, 0.4026,
0.4126

 0.0676, 0.6943,
0.3057


 77.6302, 0.3947,
0.4055


 0.0000, 0.0000,
0.0000


 101.5882, 0.3880,
0.3995

 130.0287, 0.3823,


0.3943


 163.3360, 0.3774,
0.3897


 11.6232, 0.4543,
0.4571

 11.6232, 0.4543,
0.4571

 11.0473, 0.4668,
0.4604

 12.2439, 0.4393,
0.4496

 10.7152, 0.4741,
0.4617

 12.9110, 0.4225,
0.4382

 13.6279, 0.4044,
0.4237

 14.3966, 0.3860,
0.4072

 15.2194, 0.3677,
0.3894

■ 16.0982, 0.3502,
0.3712

■ 17.0347, 0.3337,
0.3532

■ 18.0307, 0.3185,
0.3357

■ 19.0877, 0.3045,
0.3191

Harmonies

Analogous

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



11.6232, 0.4964, 0.3918



11.6232, 0.4543, 0.4571



11.6232, 0.3783, 0.5021

Triad

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



11.6232, 0.4543, 0.4571



11.6232, 0.1671, 0.2956



11.6232, 0.3124, 0.2195

Complementary

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



11.6232, 0.4543, 0.4571



3.4277, 0.1769, 0.1325

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.



11.6232, 0.2289, 0.1941



11.6232, 0.4543, 0.4571



11.6232, 0.1561, 0.2257

Square

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



11.6232, 0.4543, 0.4571



11.6232, 0.2131, 0.3993



11.6232, 0.1766, 0.1945



11.6232, 0.4103, 0.2661

Rectangle

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



11.6232, 0.4543, 0.4571



11.6232, 0.3197, 0.5010



11.6232, 0.1766, 0.1945



11.6232, 0.2816, 0.2084

Sweetspot

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



11.6238, 0.4543, 0.4571



28.5654, 0.3530, 0.3742



4.5971, 0.5182, 0.2849



6.6622, 0.3580, 0.3794



62.0916, 0.3127, 0.3290



7.8288, 0.3127, 0.3290

Same Dimension

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



11.6238, 0.4543, 0.4571



18.9557, 0.4758, 0.4604



15.7990, 0.3826, 0.5175



4.1070, 0.3260, 0.3444



11.3697, 0.4743, 0.4616



53.9333, 0.4780, 0.4587

Inverse Universe

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



3.4277, 0.1769, 0.1325



4.0413, 0.1598, 0.0951



2.2646, 0.1832, 0.0929



3.7360, 0.2995, 0.3131



2.5057, 0.1607, 0.0986



10.9676, 0.1584, 0.0901

Previews

White Background



This preview shows how the Yxy color 11.6232, 0.4543, 0.4571 looks on a white background.

Color Contrast Check

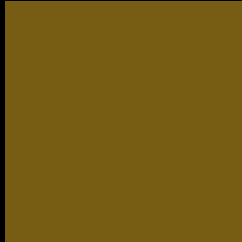
Large Text (above 18pt) WCAG AA ✓ Pass

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 11.6232, 0.4543, 0.4571 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 11.6232, 0.4543, 0.4571

Background



This preview shows how black text looks on a background with the Yxy color 11.6232, 0.4543, 0.4571.



This preview shows how white text looks on a background with the Yxy color 11.6232, 0.4543, 0.4571.

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

11.6232, 0.4543, 0.4571

Protanopia

11.6044, 0.4292, 0.4747

Deuteranopia

11.5976, 0.4585, 0.4525



Tritanopia

11.6392, 0.3656, 0.3169

Trichromacy



Original Color

11.6232, 0.4543, 0.4571

Protanomaly

11.6797, 0.4374, 0.4687

Deuteranomaly

11.5257, 0.4570, 0.4535

Tritanomaly

11.4987, 0.4084, 0.3766

Monochromacy



Original Color

11.6232, 0.4543, 0.4571

Achromatopsia

10.7023, 0.3127, 0.3290

Achromatomaly

10.8607, 0.3707, 0.3924

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.6232, 0.4543, 0.4571 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(119, 92, 19)` looks like.

```
.text, #text, p{  
    color:rgb(119, 92, 19)  
}
```

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(119, 92, 19) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 92, 19) }
```

Border

The CSS property to change the border of an element to Yxy 11.6232, 0.4543, 0.4571 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(119, 92, 19) }
```

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

```
.border{ border-color:rgb(119, 92, 19) }
```

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

Here you see how a box with a 4 pixel rgb(119, 92, 19) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 92, 19); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 92, 19);  
box-shadow:4px 4px 4px 4px rgb(119, 92,  
19) }
```


Background

The CSS property to change the background color of an element to Yxy 11.6232, 0.4543, 0.4571 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 92, 19) }
```

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

```
.background{ background-color: rgb(119, 92,  
19) }
```

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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