

Converting Colors

$Y_{xy}(11.1514, 0.4466, 0.4559)$

Have a look what the booklet for
Yxy(11.1514, 0.4466, 0.4559)
contains.

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Color

Yxy(11.1889, 0.4467, 0.4558)

Conversions

Conversions Part 1

Format	Color
Hex	735B17
RGB	115, 91, 23
RGB Percent	45%, 36%, 9%
CMY	0.5490, 0.6431, 0.9097
CMYK	0.00, 0.21, 0.80, 0.55
HSL	44°, 67%, 27%
HSV	44°, 80%, 45%
XYZ	10.9655, 11.1889, 2.3934
YIQ	90.4240, 36.1320, -16.0600

Conversions

Conversions Part 2

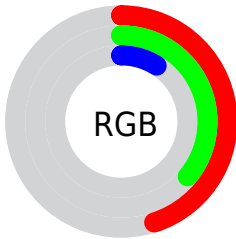
Format	Color
RYB	55, 115, 23
Decimal	7559959
CIELab	39.90, 2.47, 40.35
CIElCh	40, 40.424, 86.493
Yxy	11.1889, 0.4467, 0.4558
Android (android.graphics.Color)	4285750039 (0xFF735B17)
YUV	90.4240, -33.2400, 21.5532
Hunter-Lab	33.4498, -0.0213, 19.1725

Details

The Yxy color **11.1889, 0.4467, 0.4558** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **3.4539, 0.1817, 0.1406**, and the grayscale version is **10.3957, 0.3127, 0.3290**.

A 20% lighter version of the original color is **28.0637, 0.4167, 0.4288**, and **3.0108, 0.4686, 0.4661** is the 20% darker color. If you saturate the color by 10%, you get **10.6502, 0.4598, 0.4610**, and if you desaturate by 10%, it is **11.7692, 0.4312, 0.4464**.

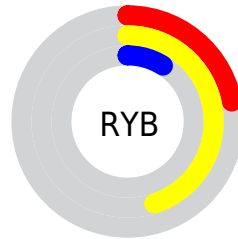
Distribution



Red (45%)

Green (36%)

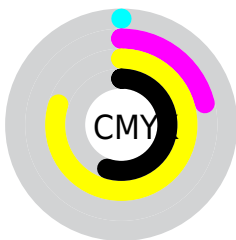
Blue (9%)



Red (22%)

Yellow (45%)

Blue (9%)

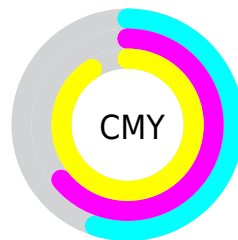


Cyan (0%)

Magenta (21%)

Yellow (80%)

Black (55%)



Cyan (55%)

Magenta (64%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 11.1889, 0.4467, 0.4558 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 11.1889, 0.4467, 0.4558 by changing the saturation by 10% instead.

■ 11.1889, 0.4467,
0.4558

■ 11.1889, 0.4467,
0.4558

■ 198.9590, 0.3690,
0.3837

■ 6.1940, 0.4669,
0.4733

■ 28.0089, 0.4168,
0.4287

■ 2.9634, 0.4992,
0.5008

■ 40.6029, 0.4059,
0.4186

■ 1.1127, 0.5037,
0.4963

■ 56.4987, 0.3969,
0.4102

■ 0.0000, 1.0000,
0.0000


■ 76.0808, 0.3894,
0.4031


■ 0.0000, 0.0000,
0.0000


■ 99.7334, 0.3831,
0.3971


■ 127.8411, 0.3777,


0.3920

 160.7881, 0.3731,
0.3876


 11.1889, 0.4467,
0.4558


 11.1889, 0.4467,
0.4558


 10.6502, 0.4598,
0.4610


 11.7692, 0.4312,
0.4464


 10.1425, 0.4717,
0.4636

 12.3919, 0.4141,
0.4335

 10.1415, 0.4717,
0.4637

 13.0600, 0.3962,
0.4180

 13.7753, 0.3780,
0.4007

 14.5397, 0.3602,
0.3826

■ 15.3549, 0.3433,
0.3642

■ 16.2225, 0.3274,
0.3463

■ 17.1439, 0.3127,
0.3290

■ 18.1207, 0.2993,
0.3126

Harmonies

Analogous

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



11.1889, 0.4883, 0.3938



11.1889, 0.4467, 0.4558



11.1889, 0.3730, 0.4956

Triad

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



11.1889, 0.4467, 0.4558



11.1889, 0.1713, 0.2937



11.1889, 0.3170, 0.2251

Complementary

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



11.1889, 0.4467, 0.4558



3.4539, 0.1817, 0.1406

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.



11.1889, 0.2354, 0.1995



11.1889, 0.4467, 0.4558



11.1889, 0.1618, 0.2279

Square

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



11.1889, 0.4467, 0.4558



11.1889, 0.2146, 0.3913



11.1889, 0.1832, 0.1988



11.1889, 0.4102, 0.2712

Rectangle

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



11.1889, 0.4467, 0.4558



11.1889, 0.3163, 0.4912



11.1889, 0.1832, 0.1988



11.1889, 0.2871, 0.2140

Sweetspot

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



11.1894, 0.4467, 0.4558



26.8088, 0.3510, 0.3728



4.4678, 0.5077, 0.2871



6.2965, 0.3559, 0.3780



60.3827, 0.3127, 0.3290



7.3239, 0.3127, 0.3290

Same Dimension

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



11.1894, 0.4467, 0.4558



18.3011, 0.4690, 0.4621



14.6769, 0.3794, 0.5131



4.1124, 0.3260, 0.3446



11.5597, 0.4721, 0.4633



54.8870, 0.4756, 0.4606

Inverse Universe

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



3.4539, 0.1817, 0.1406



4.0336, 0.1626, 0.1008



2.3976, 0.1914, 0.1029



3.7309, 0.2995, 0.3129



2.4440, 0.1602, 0.0966



10.6970, 0.1579, 0.0882

Previews

White Background



This preview shows how the Yxy color 11.1889, 0.4467, 0.4558 looks on a white background.

Color Contrast Check

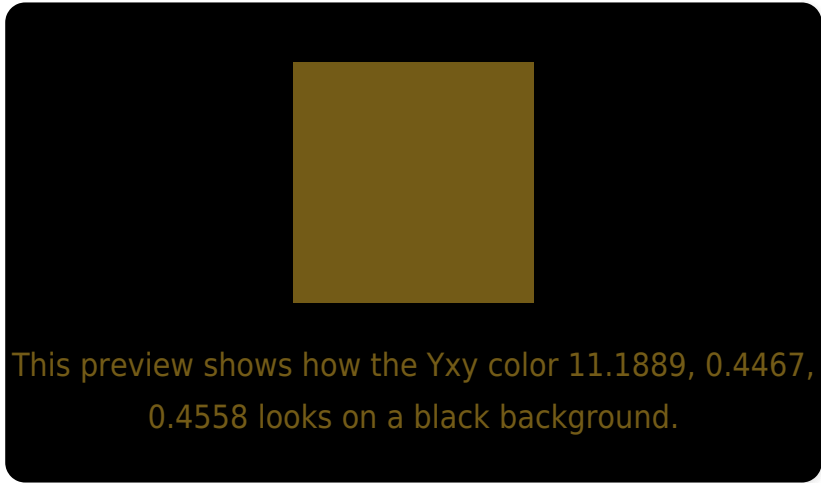
Large Text (above 18pt) WCAG AA ✓ Pass

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 11.1889, 0.4467, 0.4558

Background



This preview shows how black text looks on a background with the Yxy color 11.1889, 0.4467, 0.4558.



This preview shows how white text looks on a background with the Yxy color 11.1889, 0.4467, 0.4558.

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

11.1889, 0.4467, 0.4558

Protanopia

11.3145, 0.4246, 0.4709

Deuteranopia

11.1326, 0.4558, 0.4472



Tritanopia

11.1743, 0.3610, 0.3165

Trichromacy



Original Color

11.1889, 0.4467, 0.4558

Protanomaly

11.3226, 0.4311, 0.4661

Deuteranomaly

11.2298, 0.4524, 0.4499

Tritanomaly

11.0613, 0.4009, 0.3738

Monochromacy



Original Color

11.1889, 0.4467, 0.4558

Achromatopsia

10.2242, 0.3127, 0.3290

Achromatomaly

10.3583, 0.3654, 0.3868

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.1889, 0.4467, 0.4558 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(115, 91, 23)` looks like.

```
.text, #text, p{  
    color:rgb(115, 91, 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(115, 91, 23) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 91, 23) }
```

Border

The CSS property to change the border of an element to Yxy 11.1889, 0.4467, 0.4558 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(115, 91, 23) }
```

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

```
.border{ border-color:rgb(115, 91, 23) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 91, 23)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 91, 23); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 91, 23);  
box-shadow:4px 4px 4px 4px rgb(115, 91,  
23) }
```


Background

The CSS property to change the background color of an element to Yxy 11.1889, 0.4467, 0.4558 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 91, 23) }
```

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

```
.background{ background-color: rgb(115, 91,  
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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