

Converting Colors

$Y_{xy}(11.0528, 0.5637, 0.3814)$

Have a look what the booklet for
Yxy(11.0528, 0.5637, 0.3814)
contains.

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Color

Yxy(11.0528, 0.5637, 0.3814)

Conversions

Conversions Part 1

Format	Color
Hex	A03F0B
RGB	160, 63, 11
RGB Percent	63%, 25%, 4%
CMY	0.3725, 0.7529, 0.9566
CMYK	0.00, 0.61, 0.93, 0.37
HSL	21°, 87%, 34%
HSV	21°, 93%, 63%
XYZ	16.3358, 11.0528, 1.5910
YIQ	86.0750, 74.5040, 4.3920

Conversions

Conversions Part 2

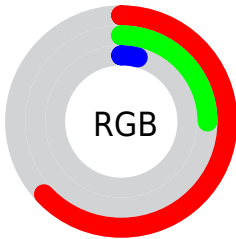
Format	Color
RYB	160, 91, 11
Decimal	10501899
CIELab	39.67, 38.04, 47.09
CIELCh	40, 60.533, 51.065
Yxy	11.0528, 0.5637, 0.3814
Android (android.graphics.Color)	4288691979 (0xFFA03F0B)
YUV	86.0750, -37.0120, 64.8322
Hunter-Lab	33.2458, 29.5284, 20.4347

Details

The Yxy color **11.0528, 0.5637, 0.3814** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **13.3486, 0.1962, 0.2210**, and the grayscale version is **9.3931, 0.3127, 0.3290**.

A 20% lighter version of the original color is **27.7437, 0.5076, 0.3839**, and **2.9404, 0.6287, 0.3390** is the 20% darker color. If you saturate the color by 10%, you get **10.2823, 0.5818, 0.3762**, and if you desaturate by 10%, it is **12.3742, 0.5344, 0.3866**.

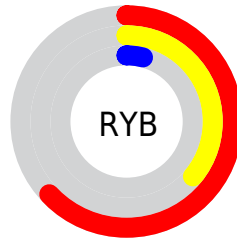
Distribution



Red (63%)

Green (25%)

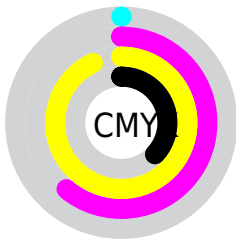
Blue (4%)



Red (63%)

Yellow (36%)

Blue (4%)

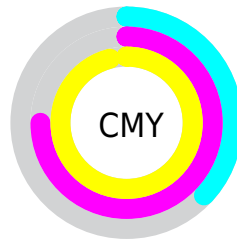


Cyan (0%)

Magenta (61%)

Yellow (93%)

Black (37%)



Cyan (37%)


Magenta (75%)


Yellow (96%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.0528, 0.5637, 0.3814 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 11.0528, 0.5637, 0.3814 by changing the saturation by 10% instead.


 11.0528, 0.5637,
0.3814


 11.0528, 0.5637,
0.3814


 198.0294, 0.4172,
0.3679


 6.1024, 0.6068,
0.3757

 27.7578, 0.5075,
0.3835


 2.9074, 0.6485,
0.3515

 40.2811, 0.4869,
0.3817


 1.0836, 0.6976,
0.3024

 56.0975, 0.4699,
0.3794

 0.0000, 1.0000,
0.0000


 75.5913, 0.4557,
0.3769


 0.0000, 0.0000,
0.0000


 99.1471, 0.4438,
0.3745


 127.1491, 0.4336,

0.3721


 159.9817, 0.4248,
0.3700


 11.0528, 0.5637,
0.3814


 11.0528, 0.5637,
0.3814


 10.2823, 0.5818,
0.3762

 12.3742, 0.5344,
0.3866

 13.9652, 0.5013,
0.3869

 15.8428, 0.4672,
0.3832

 18.0219, 0.4344,
0.3765

 20.5159, 0.4043,
0.3681

■ 23.3377, 0.3776,
0.3589

■ 26.4990, 0.3544,
0.3494

■ 30.0112, 0.3344,
0.3403

■ 33.8850, 0.3174,
0.3316

Harmonies

Analogous

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



11.0528, 0.5438, 0.3034



11.0528, 0.5637, 0.3814



11.0528, 0.5029, 0.4715

Triad

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



11.0528, 0.5637, 0.3814



11.0528, 0.1827, 0.4542



11.0528, 0.1869, 0.1516

Complementary

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



11.0528, 0.5637, 0.3814



13.3486, 0.1962, 0.2210

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.



11.0528, 0.1297, 0.1539



11.0528, 0.5637, 0.3814



11.0528, 0.1237, 0.2911

Square

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



11.0528, 0.5637, 0.3814



11.0528, 0.2848, 0.5770



11.0528, 0.1095, 0.1933



11.0528, 0.2910, 0.1788

Rectangle

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



11.0528, 0.5637, 0.3814



11.0528, 0.4366, 0.5331



11.0528, 0.1095, 0.1933



11.0528, 0.1631, 0.1489

Sweetspot

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



11.0534, 0.5637, 0.3814



44.9038, 0.3666, 0.3546



8.8482, 0.4161, 0.2110



9.3501, 0.3764, 0.3584



80.7346, 0.3127, 0.3290



13.9985, 0.3127, 0.3290

Same Dimension

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



11.0534, 0.5637, 0.3814



18.3241, 0.5851, 0.3736



24.8761, 0.4469, 0.4782



7.0056, 0.3276, 0.3369



8.0857, 0.5802, 0.3775



0.2199, 0.5110, 0.4325

Inverse Universe

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



13.3486, 0.1962, 0.2210



22.2683, 0.1916, 0.2096



3.8648, 0.1594, 0.0866



7.1197, 0.2988, 0.3210



9.8063, 0.1926, 0.2132



0.2517, 0.2070, 0.2650

Previews

White Background



This preview shows how the Yxy color 11.0528, 0.5637, 0.3814 looks on a white background.

Color Contrast Check

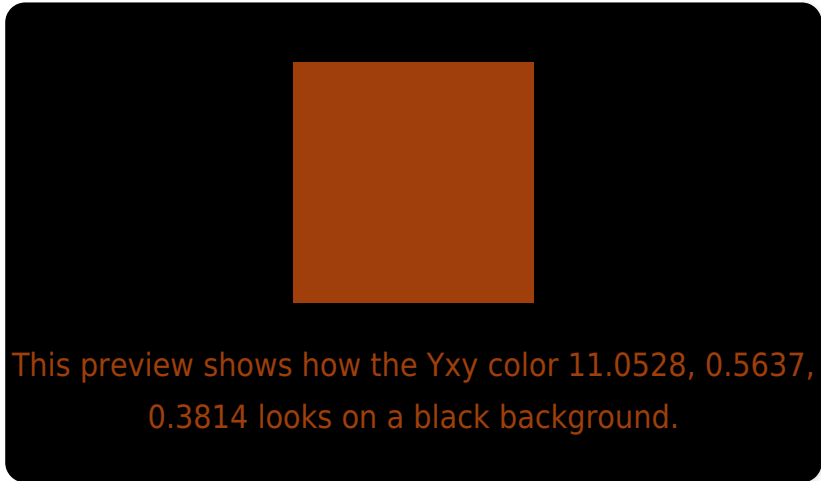
Large Text (above 18pt) WCAG AA ✓ Pass

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

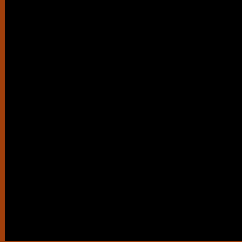
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 11.0528, 0.5637, 0.3814

Background



This preview shows how black text looks on a background with the Yxy color 11.0528, 0.5637, 0.3814.



This preview shows how white text looks on a background with the Yxy color 11.0528, 0.5637, 0.3814.

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

11.0528, 0.5637, 0.3814

Protanopia

11.2991, 0.4276, 0.4754

Deuteranopia

11.2343, 0.4679, 0.4667



Tritanopia

11.0528, 0.5043, 0.3253

Trichromacy



Original Color

11.0528, 0.5637, 0.3814

Protanomaly

10.6626, 0.4830, 0.4365

Deuteranomaly

10.8144, 0.5075, 0.4314

Tritanomaly

10.9832, 0.5359, 0.3514

Monochromacy



Original Color

11.0528, 0.5637, 0.3814

Achromatopsia

9.3059, 0.3127, 0.3290

Achromatomaly

9.2753, 0.4132, 0.3713

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.0528, 0.5637, 0.3814 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(160, 63, 11)` looks like.

```
.text, #text, p{  
    color:rgb(160, 63, 11)  
}
```

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(160, 63, 11) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 63, 11) }
```

Border

The CSS property to change the border of an element to Yxy 11.0528, 0.5637, 0.3814 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(160, 63, 11) }
```

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

```
.border{ border-color:rgb(160, 63, 11) }
```

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

Here you see how a box with a 4 pixel rgb(160, 63, 11) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 63, 11); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 63, 11);  
box-shadow:4px 4px 4px 4px rgb(160, 63,  
11) }
```


Background

The CSS property to change the background color of an element to Yxy 11.0528, 0.5637, 0.3814 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 63, 11) }
```

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

```
.background{ background-color: rgb(160, 63,  
11) }
```

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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