

Converting Colors

$Y_{xy}(11.4080, 0.5417, 0.4065)$

Have a look what the booklet for
Yxy(11.4080, 0.5417, 0.4065)
contains.

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Color

Yxy(11.3488, 0.5422, 0.4060)

Conversions

Conversions Part 1

Format	Color
Hex	974902
RGB	151, 73, 2
RGB Percent	59%, 29%, 1%
CMY	0.4078, 0.7137, 0.9923
CMYK	0.00, 0.52, 0.99, 0.41
HSL	29°, 97%, 30%
HSV	29°, 99%, 59%
XYZ	15.1560, 11.3488, 1.4480
YIQ	88.2280, 69.2790, -5.5450

Conversions

Conversions Part 2

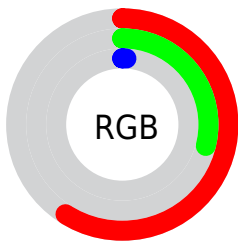
Format	Color
R_{YB}	151, 138, 2
Decimal	9914626
CIE _{Lab}	40.16, 29.06, 49.45
CIE _{LCh}	40, 57.353, 59.559
Yxy	11.3488, 0.5422, 0.4060
Android (android.graphics.Color)	4288104706 (0xFF974902)
YUV	88.2280, -42.5104, 55.0510
Hunter-Lab	33.6880, 21.3518, 21.0332

Details

The Yxy color **11.3488, 0.5422, 0.4060** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **7.9779, 0.1810, 0.1704**, and the grayscale version is **9.8945, 0.3127, 0.3290**.

A 20% lighter version of the original color is **28.3102, 0.4920, 0.4015**, and **3.0659, 0.5895, 0.3701** is the 20% darker color. If you saturate the color by 10%, you get **11.2114, 0.5452, 0.4053**, and if you desaturate by 10%, it is **12.4911, 0.5197, 0.4109**.

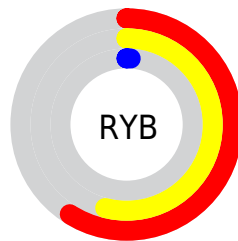
Distribution



Red (59%)

Green (29%)

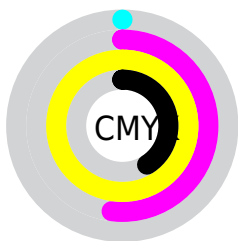
Blue (1%)



Red (59%)

Yellow (54%)

Blue (1%)

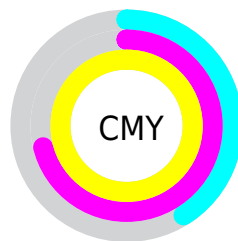


Cyan (0%)

Magenta (52%)

Yellow (99%)

Black (41%)



Cyan (41%)


Magenta (71%)


Yellow (99%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.3488, 0.5422, 0.4060 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 11.3488, 0.5422, 0.4060 by changing the saturation by 10% instead.


 11.3488, 0.5422,
0.4060


 11.3488, 0.5422,
0.4060


 200.0451, 0.4101,
0.3769


 6.3020, 0.5818,
0.4067


 28.3034, 0.4924,
0.4017

 3.0295, 0.6135,
0.3865

 40.9799, 0.4738,
0.3976


 1.1472, 0.6541,
0.3459

 56.9684, 0.4584,
0.3935

 0.0179, 0.9759,
0.0241


 76.6534, 0.4454,
0.3896


 0.0000, 0.0000,
0.0000


 100.4191, 0.4345,
0.3860


 128.6501, 0.4252,

0.3826


 161.7306, 0.4171,
0.3796


 11.3488, 0.5422,
0.4060


 11.3488, 0.5422,
0.4060


 11.2114, 0.5452,
0.4053

 12.4911, 0.5197,
0.4109

 13.7976, 0.4943,
0.4113

 15.2829, 0.4668,
0.4069

 16.9558, 0.4388,
0.3989

 18.8242, 0.4119,
0.3883

■ 20.8956, 0.3869,
0.3762

■ 23.1769, 0.3642,
0.3637

■ 25.6744, 0.3441,
0.3511

■ 28.3945, 0.3263,
0.3390

Harmonies

Analogous

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



11.3488, 0.5461, 0.3275



11.3488, 0.5422, 0.4060



11.3488, 0.4710, 0.4929

Triad

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



11.3488, 0.5422, 0.4060



11.3488, 0.1692, 0.4006



11.3488, 0.2167, 0.1636

Complementary

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



11.3488, 0.5422, 0.4060



7.9779, 0.1810, 0.1704

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.



11.3488, 0.1491, 0.1577



11.3488, 0.5422, 0.4060



11.3488, 0.1243, 0.2614

Square

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



11.3488, 0.5422, 0.4060



11.3488, 0.2586, 0.5399



11.3488, 0.1199, 0.1851



11.3488, 0.3285, 0.1979

Rectangle

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



11.3488, 0.5422, 0.4060



11.3488, 0.4041, 0.5447



11.3488, 0.1199, 0.1851



11.3488, 0.1893, 0.1584

Sweetspot

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



11.3494, 0.5422, 0.4060



40.7014, 0.3683, 0.3661



7.2227, 0.4758, 0.2406



8.8867, 0.3770, 0.3710



76.7769, 0.3127, 0.3290



12.5967, 0.3127, 0.3290

Same Dimension

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



11.3494, 0.5422, 0.4060



19.7166, 0.5482, 0.4029



27.1514, 0.4247, 0.5001



6.6841, 0.3272, 0.3396



9.5942, 0.5442, 0.4061



0.2156, 0.4821, 0.4554

Inverse Universe

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



7.9779, 0.1810, 0.1704



13.6530, 0.1792, 0.1650



2.3974, 0.1515, 0.0639



6.5344, 0.2989, 0.3181



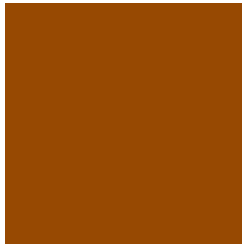
6.7180, 0.1803, 0.1692



0.1733, 0.2007, 0.2423

Previews

White Background



This preview shows how the Yxy color 11.3488, 0.5422, 0.4060 looks on a white background.

Color Contrast Check

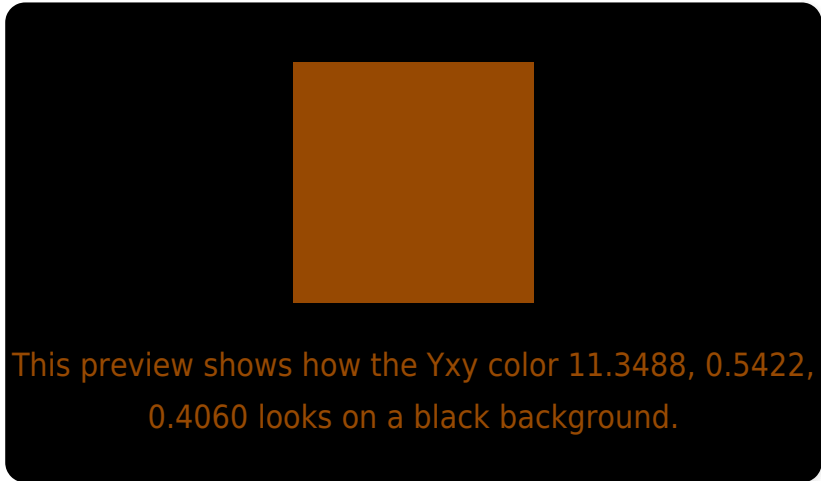
Large Text (above 18pt) WCAG AA ✓ Pass

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

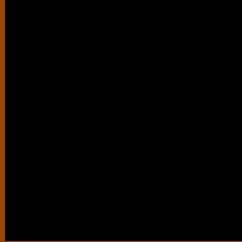
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 11.3488, 0.5422, 0.4060

Background



This preview shows how black text looks on a background with the Yxy color 11.3488, 0.5422, 0.4060.



This preview shows how white text looks on a background with the Yxy color 11.3488, 0.5422, 0.4060.

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

11.3488, 0.5422, 0.4060

Protanopia

11.5856, 0.4329, 0.4801

Deuteranopia

11.5471, 0.4690, 0.4658



Tritanopia

11.3744, 0.4650, 0.3230

Trichromacy



Original Color

11.3488, 0.5422, 0.4060

Protanomaly

11.2864, 0.4746, 0.4517

Deuteranomaly

11.2484, 0.4983, 0.4416

Tritanomaly

11.2610, 0.5057, 0.3638

Monochromacy



Original Color

11.3488, 0.5422, 0.4060

Achromatopsia

9.7587, 0.3127, 0.3290

Achromatomaly

9.8614, 0.4077, 0.3871

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.3488, 0.5422, 0.4060 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(151, 73, 2)` looks like.

```
.text, #text, p{  
    color:rgb(151, 73, 2)  
}
```

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(151, 73, 2) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 73, 2) }
```

Border

The CSS property to change the border of an element to Yxy 11.3488, 0.5422, 0.4060 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(151, 73, 2) }
```

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

```
.border{ border-color:rgb(151, 73, 2) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 73, 2)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 73, 2); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 73, 2);  
box-shadow:4px 4px 4px 4px rgb(151, 73, 2)  
}
```


Background

The CSS property to change the background color of an element to Yxy 11.3488, 0.5422, 0.4060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 73, 2) }
```

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

```
.background{ background-color: rgb(151, 73,  
2) }
```

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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