

Converting Colors

$Y_{xy}(11.1173, 0.5293, 0.4164)$

Have a look what the booklet for
Yxy(11.1173, 0.5293, 0.4164)
contains.

Yxy(11.1026, 0.5288, 0.4165)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(11.1026, 0.5288, 0.4165)

Conversions

Conversions Part 1

Format	Color
Hex	904C02
RGB	144, 76, 2
RGB Percent	56%, 30%, 1%
CMY	0.4353, 0.7019, 0.9921
CMYK	0.00, 0.47, 0.99, 0.44
HSL	31°, 97%, 29%
HSV	31°, 99%, 56%
XYZ	14.0962, 11.1026, 1.4581
YIQ	87.8960, 64.2820, -8.5980

Conversions

Conversions Part 2

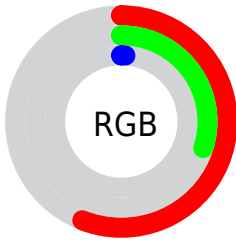
Format	Color
RYB	132, 144, 2
Decimal	9456642
CIELab	39.75, 24.35, 48.63
CIELCh	40, 54.386, 63.404
Yxy	11.1026, 0.5288, 0.4165
Android (android.graphics.Color)	4287646722 (0xFF904C02)
YUV	87.8960, -42.3467, 49.2032
Hunter-Lab	33.3206, 17.2029, 20.7298

Details

The Yxy color **11.1026, 0.5288, 0.4165** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **6.4078, 0.1773, 0.1567**, and the grayscale version is **9.8199, 0.3127, 0.3290**.

A 20% lighter version of the original color is **27.9136, 0.4809, 0.4089**, and **2.9548, 0.5716, 0.3843** is the 20% darker color. If you saturate the color by 10%, you get **10.9661, 0.5318, 0.4160**, and if you desaturate by 10%, it is **12.1392, 0.5081, 0.4201**.

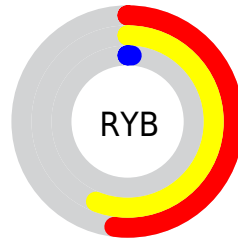
Distribution



Red (56%)

Green (30%)

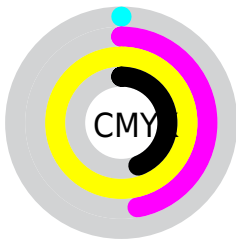
Blue (1%)



Red (52%)

Yellow (56%)

Blue (1%)

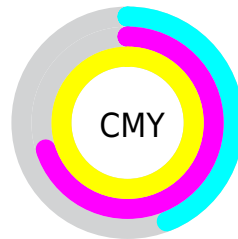


Cyan (0%)

Magenta (47%)

Yellow (99%)

Black (44%)



Cyan (44%)


Magenta (70%)


Yellow (99%)


Brightness & Saturation Gradients


These gradients show how the Yxy color 11.1026, 0.5288, 0.4165 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 11.1026, 0.5288, 0.4165 by changing the saturation by 10% instead.


 11.1026, 0.5288,
0.4165


 11.1026, 0.5288,
0.4165


 198.3701, 0.4041,
0.3793


 6.1359, 0.5667,
0.4205

 27.8497, 0.4816,
0.4084


 2.9279, 0.5961,
0.4039

 40.3989, 0.4641,
0.4032


 1.0942, 0.6328,
0.3672

 56.2444, 0.4495,
0.3982

 0.0000, 1.0000,
0.0000

 75.7706, 0.4374,
0.3936


 0.0000, 0.0000,
0.0000


 99.3619, 0.4271,
0.3895


 127.4026, 0.4183,


0.3857


 160.2772, 0.4107,
0.3823


 11.1026, 0.5288,
0.4165


 11.1026, 0.5288,
0.4165

 10.9661, 0.5318,
0.4160

 12.1392, 0.5081,
0.4201

 13.3052, 0.4848,
0.4193

 14.6129, 0.4595,
0.4139

 16.0692, 0.4336,
0.4048

 17.6802, 0.4084,
0.3931

■ 19.4517, 0.3846,
0.3801

■ 21.3889, 0.3629,
0.3665

■ 23.4968, 0.3434,
0.3529

■ 25.7802, 0.3260,
0.3397

Harmonies

Analogous

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



11.1026, 0.5410, 0.3387



11.1026, 0.5288, 0.4165



11.1026, 0.4558, 0.4994

Triad

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



11.1026, 0.5288, 0.4165



11.1026, 0.1668, 0.3783



11.1026, 0.2320, 0.1716

Complementary

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



11.1026, 0.5288, 0.4165



6.4078, 0.1773, 0.1567

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.



11.1026, 0.1606, 0.1623



11.1026, 0.5288, 0.4165



11.1026, 0.1280, 0.2523

Square

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



11.1026, 0.5288, 0.4165



11.1026, 0.2492, 0.5166



11.1026, 0.1276, 0.1849



11.1026, 0.3445, 0.2085

Rectangle

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



11.1026, 0.5288, 0.4165



11.1026, 0.3899, 0.5442



11.1026, 0.1276, 0.1849



11.1026, 0.2034, 0.1653

Sweetspot

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



11.1032, 0.5288, 0.4165



37.0146, 0.3671, 0.3692



6.4229, 0.4951, 0.2514



8.1894, 0.3753, 0.3744



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.



11.1032, 0.5288, 0.4165



19.0090, 0.5346, 0.4137



25.6663, 0.4161, 0.5068



5.8598, 0.3269, 0.3405



9.5979, 0.5310, 0.4166



0.1359, 0.4731, 0.4625

Inverse Universe

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



6.4078, 0.1773, 0.1567



10.7197, 0.1752, 0.1507



2.0857, 0.1516, 0.0619



5.6543, 0.2990, 0.3173



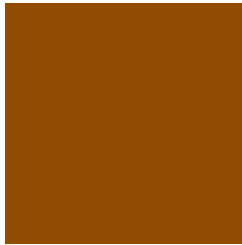
5.5018, 0.1764, 0.1551



0.0963, 0.1983, 0.2338

Previews

White Background



This preview shows how the Yxy color 11.1026, 0.5288, 0.4165 looks on a white background.

Color Contrast Check

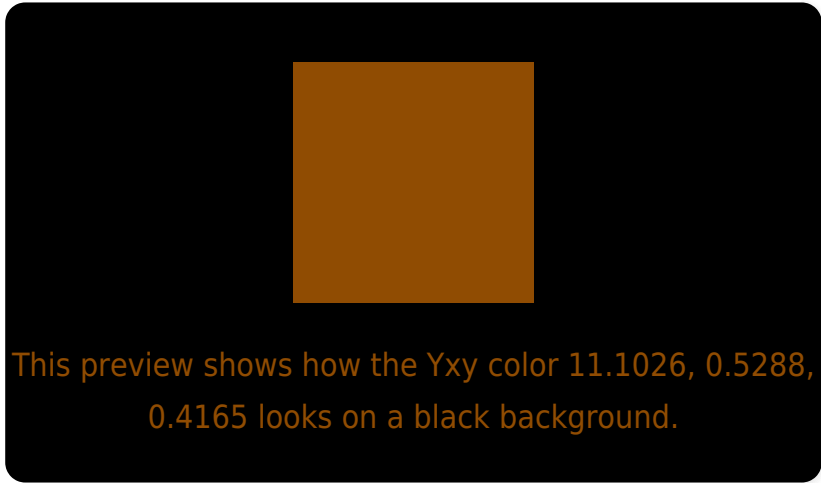
Large Text (above 18pt) WCAG AA ✓ Pass

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 11.1026, 0.5288, 0.4165

Background



This preview shows how black text looks on a background with the Yxy color 11.1026, 0.5288, 0.4165.



This preview shows how white text looks on a background with the Yxy color 11.1026, 0.5288, 0.4165.

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

11.1026, 0.5288, 0.4165

Protanopia

11.2751, 0.4323, 0.4825

Deuteranopia

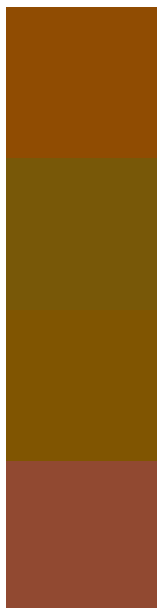
11.2343, 0.4679, 0.4667



Tritanopia

11.1393, 0.4438, 0.3208

Trichromacy



Original Color

11.1026, 0.5288, 0.4165

Protanomaly

10.9900, 0.4695, 0.4574

Deuteranomaly

11.0884, 0.4907, 0.4476

Tritanomaly

11.0066, 0.4891, 0.3684

Monochromacy



Original Color

11.1026, 0.5288, 0.4165

Achromatopsia

9.7587, 0.3127, 0.3290

Achromatomaly

9.8242, 0.4013, 0.3906

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.1026, 0.5288, 0.4165 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(144, 76, 2)` looks like.

```
.text, #text, p{  
    color:rgb(144, 76, 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(144, 76, 2) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 76, 2) }
```

Border

The CSS property to change the border of an element to Yxy 11.1026, 0.5288, 0.4165 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(144, 76, 2) }
```

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

```
.border{ border-color:rgb(144, 76, 2) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 76, 2)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 76, 2); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 76, 2);  
box-shadow:4px 4px 4px 4px rgb(144, 76, 2)  
}
```


Background

The CSS property to change the background color of an element to Yxy 11.1026, 0.5288, 0.4165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 76, 2) }
```

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

```
.background{ background-color: rgb(144, 76,  
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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