

Converting Colors

$Y_{xy}(11.4606, 0.5297, 0.3995)$

Have a look what the booklet for
Yxy(11.4606, 0.5297, 0.3995)
contains.

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Color

Yxy(11.4286, 0.5296, 0.3997)

Conversions

Conversions Part 1

Format	Color
Hex	964A13
RGB	150, 74, 19
RGB Percent	59%, 29%, 7%
CMY	0.4118, 0.7098, 0.9257
CMYK	0.00, 0.51, 0.87, 0.41
HSL	25°, 78%, 33%
HSV	25°, 87%, 59%
XYZ	15.1428, 11.4286, 2.0215
YIQ	90.4540, 62.9510, -0.9930

Conversions

Conversions Part 2

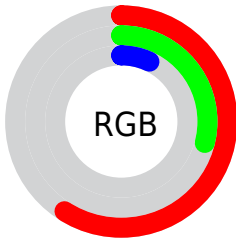
Format	Color
R _Y B	150, 114, 19
Decimal	9849363
CIE Lab	40.29, 28.41, 44.10
CIE LCh	40, 52.460, 57.206
Yxy	11.4286, 0.5296, 0.3997
Android (android.graphics.Color)	4288039443 (0xFF964A13)
YUV	90.4540, -35.2268, 52.2218
Hunter-Lab	33.8062, 20.7947, 20.1190

Details

The Yxy color **11.4286, 0.5296, 0.3997** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **10.5118, 0.1943, 0.2072**, and the grayscale version is **10.4016, 0.3127, 0.3290**.

A 20% lighter version of the original color is **28.3880, 0.4794, 0.3939**, and **3.1110, 0.5869, 0.3722** is the 20% darker color. If you saturate the color by 10%, you get **10.3088, 0.5547, 0.3942**, and if you desaturate by 10%, it is **12.7405, 0.5010, 0.4006**.

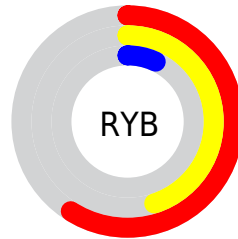
Distribution



Red (59%)

Green (29%)

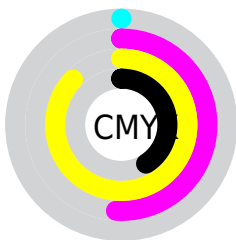
Blue (7%)



Red (59%)

Yellow (45%)

Blue (7%)

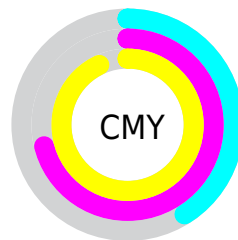


Cyan (0%)

Magenta (51%)

Yellow (87%)

Black (41%)



Cyan (41%)


Magenta (71%)


Yellow (93%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.4286, 0.5296, 0.3997 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 11.4286, 0.5296, 0.3997 by changing the saturation by 10% instead.


 11.4286, 0.5296,
0.3997


 11.4286, 0.5296,
0.3997


200.5849, 0.4023,
0.3708


 6.3559, 0.5654,
0.3990


 28.4500, 0.4801,
0.3939

 3.0627, 0.6106,
0.3894

 41.1676, 0.4622,
0.3899


 1.1645, 0.6503,
0.3497

 57.2022, 0.4475,
0.3860

 0.0325, 0.9571,
0.0429


 76.9382, 0.4353,
0.3824


 0.0000, 0.0000,
0.0000


 100.7601, 0.4251,
0.3790


 129.0522, 0.4163,

0.3760


 162.1990, 0.4088,
0.3733

 11.4286, 0.5296,
0.3997


 11.4286, 0.5296,
0.3997


 10.3088, 0.5547,
0.3942


 12.7405, 0.5010,
0.4006

 10.0411, 0.5612,
0.3926

 14.2562, 0.4706,
0.3969

 15.9868, 0.4403,
0.3896

 17.9415, 0.4117,
0.3801

 20.1289, 0.3856,
0.3694

■ 22.5573, 0.3623,
0.3582

■ 25.2343, 0.3419,
0.3471

■ 28.1673, 0.3242,
0.3364

■ 31.3631, 0.3089,
0.3264

Harmonies

Analogous

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



11.4286, 0.5238, 0.3251



11.4286, 0.5296, 0.3997



11.4286, 0.4700, 0.4792

Triad

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



11.4286, 0.5296, 0.3997



11.4286, 0.1860, 0.4060



11.4286, 0.2176, 0.1725

Complementary

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



11.4286, 0.5296, 0.3997



10.5118, 0.1943, 0.2072

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.



11.4286, 0.1562, 0.1696



11.4286, 0.5296, 0.3997



11.4286, 0.1386, 0.2768

Square

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



11.4286, 0.5296, 0.3997



11.4286, 0.2732, 0.5247



11.4286, 0.1307, 0.1999



11.4286, 0.3188, 0.2032

Rectangle

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



11.4286, 0.5296, 0.3997



11.4286, 0.4097, 0.5256



11.4286, 0.1307, 0.1999



11.4286, 0.1927, 0.1683

Sweetspot

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



11.4292, 0.5296, 0.3997



40.1990, 0.3605, 0.3572



7.7808, 0.4340, 0.2268



8.6013, 0.3673, 0.3607



74.8414, 0.3127, 0.3290



11.9280, 0.3127, 0.3290

Same Dimension

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



11.4292, 0.5296, 0.3997



17.3919, 0.5645, 0.3900



25.0167, 0.4281, 0.4882



6.1920, 0.3273, 0.3383



8.3896, 0.5600, 0.3936



0.1589, 0.4913, 0.4481

Inverse Universe

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



10.5118, 0.1943, 0.2072



15.5562, 0.1847, 0.1847



3.2616, 0.1613, 0.0844



6.1579, 0.2989, 0.3195



7.5405, 0.1858, 0.1887



0.1507, 0.2047, 0.2570

Previews

White Background



This preview shows how the Yxy color 11.4286, 0.5296, 0.3997 looks on a white background.

Color Contrast Check

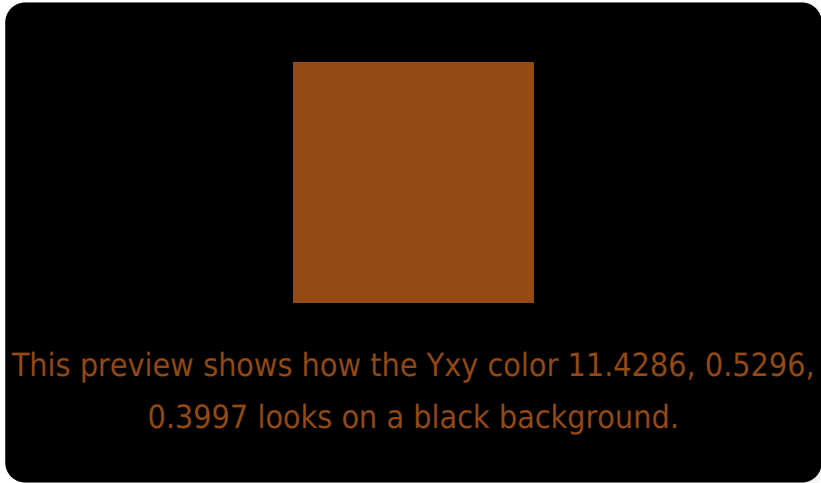
Large Text (above 18pt) WCAG AA ✓ Pass

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 11.4286, 0.5296, 0.3997

Background



This preview shows how black text looks on a background with the Yxy color 11.4286, 0.5296, 0.3997.



This preview shows how white text looks on a background with the Yxy color 11.4286, 0.5296, 0.3997.

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

11.4286, 0.5296, 0.3997

Protanopia

11.5617, 0.4239, 0.4703

Deuteranopia

11.5515, 0.4681, 0.4646



Tritanopia

11.4261, 0.4587, 0.3213

Trichromacy



Original Color

11.4286, 0.5296, 0.3997

Protanomaly

11.2523, 0.4646, 0.4426

Deuteranomaly

11.4201, 0.4929, 0.4395

Tritanomaly

11.3521, 0.4918, 0.3560

Monochromacy



Original Color

11.4286, 0.5296, 0.3997

Achromatopsia

10.2242, 0.3127, 0.3290

Achromatomaly

10.1556, 0.3966, 0.3737

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.4286, 0.5296, 0.3997 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(150, 74, 19)` looks like.

```
.text, #text, p{  
  color:rgb(150, 74, 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(150, 74, 19) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 74, 19) }
```

Border

The CSS property to change the border of an element to Yxy 11.4286, 0.5296, 0.3997 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(150, 74, 19) }
```

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

```
.border{ border-color:rgb(150, 74, 19) }
```

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

Here you see how a box with a 4 pixel rgb(150, 74, 19) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 74, 19); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 74, 19);  
box-shadow:4px 4px 4px 4px rgb(150, 74,  
19) }
```


Background

The CSS property to change the background color of an element to Yxy 11.4286, 0.5296, 0.3997 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 74, 19) }
```

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

```
.background{ background-color: rgb(150, 74,  
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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