

Converting Colors

$Y_{xy}(11.0519, 0.5330, 0.4150)$

Have a look what the booklet for
Yxy(11.0519, 0.5330, 0.4150)
contains.

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Color

Yxy(11.0519, 0.5330, 0.4150)

Conversions

Conversions Part 1

Format	Color
Hex	914B00
RGB	145, 75, 0
RGB Percent	57%, 29%, 0%
CMY	0.4313, 0.7059, 1.0000
CMYK	0.00, 0.48, 1.00, 0.43
HSL	31°, 100%, 28%
HSV	31°, 100%, 57%
XYZ	14.1944, 11.0519, 1.3848
YIQ	87.3800, 65.7950, -8.4850

Conversions

Conversions Part 2

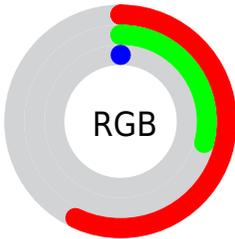
Format	Color
R_{YB}	135, 145, 0
Decimal	9521920
CIE Lab	39.67, 25.33, 49.29
CIE LCh	40, 55.420, 62.806
Yxy	11.0519, 0.5330, 0.4150
Android (android.graphics.Color)	4287712000 (0xFF914B00)
YUV	87.3800, -43.0783, 50.5327
Hunter-Lab	33.2444, 18.0365, 20.8013

Details

The Yxy color **11.0519, 0.5330, 0.4150** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **6.4263, 0.1765, 0.1553**, and the grayscale version is **9.7019, 0.3127, 0.3290**.

A 20% lighter version of the original color is **27.7804, 0.4846, 0.4089**, and **2.9534, 0.5758, 0.3810** is the 20% darker color. If you saturate the color by 10%, you get **11.0525, 0.5330, 0.4150**, and if you desaturate by 10%, it is **12.0882, 0.5122, 0.4189**.

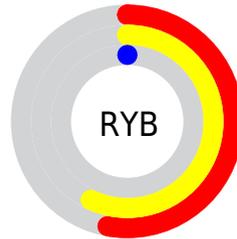
Distribution



Red (57%)

Green (29%)

Blue (0%)



Red (53%)

Yellow (57%)

Blue (0%)

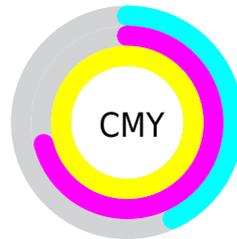


Cyan (0%)

Magenta (48%)

Yellow (100%)

Black (43%)



Cyan (43%)

Magenta (71%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 11.0519, 0.5330, 0.4150 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 11.0519, 0.5330, 0.4150 by changing the saturation by 10% instead.

 11.0519, 0.5330,
0.4150

 11.0519, 0.5330,
0.4150

 198.0233, 0.4061,
0.3794

 6.1018, 0.5723,
0.4188

 27.7561, 0.4852,
0.4079

 2.9071, 0.6003,
0.3997

 40.2789, 0.4673,
0.4029

 1.0834, 0.6382,
0.3618

 56.0948, 0.4525,
0.3981

 0.0000, 1.0000,
0.0000

 75.5881, 0.4401,
0.3936

 0.0000, 0.0000,
0.0000

 99.1432, 0.4295,
0.3895

 127.1445, 0.4206,

0.3858

 159.9764, 0.4128,
0.3824

 11.0519, 0.5330,
0.4150

 11.0519, 0.5330,
0.4150

 11.0525, 0.5330,
0.4150

 12.0882, 0.5122,
0.4189

 13.2541, 0.4891,
0.4190

 14.5648, 0.4638,
0.4143

 16.0271, 0.4377,
0.4057

 17.6478, 0.4122,
0.3944

■ 19.4325, 0.3881,
0.3816

■ 21.3869, 0.3660,
0.3681

■ 23.5162, 0.3460,
0.3546

■ 25.8253, 0.3283,
0.3415

Harmonies

Analogous

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



11.0519, 0.5446, 0.3365



11.0519, 0.5330, 0.4150



11.0519, 0.4591, 0.4997

Triad

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



11.0519, 0.5330, 0.4150



11.0519, 0.1654, 0.3822



11.0519, 0.2286, 0.1689

Complementary

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



11.0519, 0.5330, 0.4150



6.4263, 0.1765, 0.1553

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.



11.0519, 0.1573, 0.1600



11.0519, 0.5330, 0.4150



11.0519, 0.1256, 0.2524

Square

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



11.0519, 0.5330, 0.4150



11.0519, 0.2495, 0.5233



11.0519, 0.1247, 0.1833



11.0519, 0.3423, 0.2056

Rectangle

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



11.0519, 0.5330, 0.4150



11.0519, 0.3923, 0.5468



11.0519, 0.1247, 0.1833



11.0519, 0.2000, 0.1627

Sweetspot

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



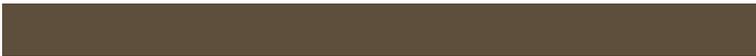
11.0525, 0.5330, 0.4150



38.0676, 0.3673, 0.3690



6.4639, 0.4988, 0.2522



8.1704, 0.3754, 0.3741



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.



11.0525, 0.5330, 0.4150



19.4403, 0.5359, 0.4127



26.0569, 0.4165, 0.5075



5.8564, 0.3269, 0.3404



9.5311, 0.5321, 0.4157



0.1353, 0.4738, 0.4620

Inverse Universe

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



6.4263, 0.1765, 0.1553



11.1612, 0.1755, 0.1518



2.0602, 0.1507, 0.0604



5.6577, 0.2990, 0.3173



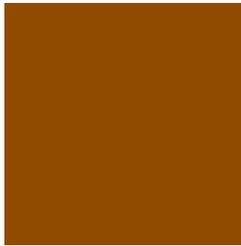
5.5630, 0.1768, 0.1564



0.0969, 0.1985, 0.2347

Previews

White Background



This preview shows how the Yxy color 11.0519, 0.5330, 0.4150 looks on a white background.

Color Contrast Check

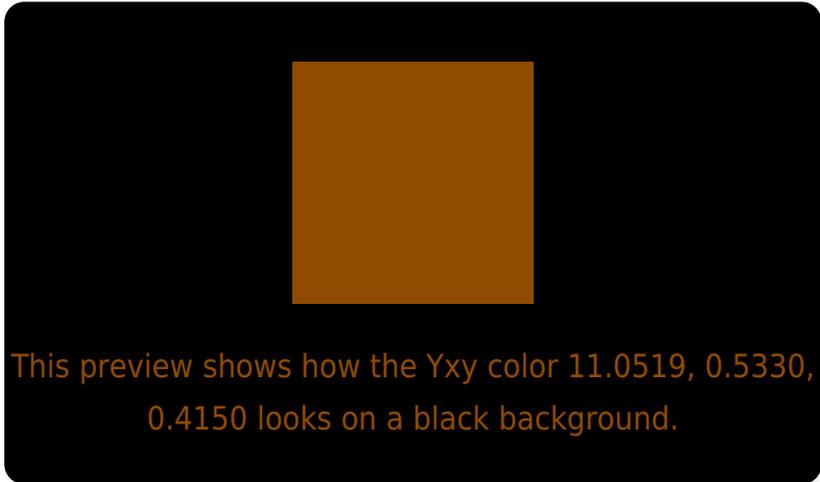
Large Text (above 18pt) WCAG AA ✓ Pass

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

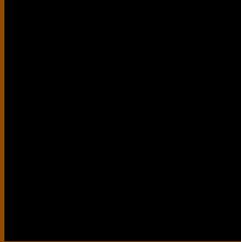
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

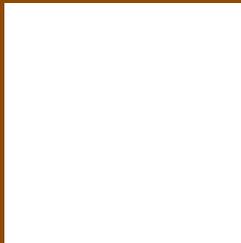
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 11.0519, 0.5330, 0.4150

Background



This preview shows how black text looks on a background with the Yxy color 11.0519, 0.5330, 0.4150.



This preview shows how white text looks on a background with the Yxy color 11.0519, 0.5330, 0.4150.

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

11.0519, 0.5330, 0.4150

Protanopia

11.0961, 0.4340, 0.4810

Deuteranopia

11.0667, 0.4699, 0.4651



Tritanopia

11.0914, 0.4482, 0.3209

Trichromacy



Original Color

11.0519, 0.5330, 0.4150

Protanomaly

10.8270, 0.4714, 0.4558

Deuteranomaly

10.9298, 0.4932, 0.4466

Tritanomaly

10.9591, 0.4934, 0.3677

Monochromacy



Original Color

11.0519, 0.5330, 0.4150

Achromatopsia

9.5307, 0.3127, 0.3290

Achromatomaly

9.6505, 0.4057, 0.3928

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.0519, 0.5330, 0.4150 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(145, 75, 0)` looks like.

```
.text, #text, p{  
    color:rgb(145, 75, 0)  
}
```

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(145, 75, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 75, 0) }
```

Border

The CSS property to change the border of an element to Yxy 11.0519, 0.5330, 0.4150 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(145, 75, 0) }
```

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

```
.border{ border-color:rgb(145, 75, 0) }
```

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

Here you see how a box with a 4 pixel rgb(145, 75, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 75, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 75, 0);  
box-shadow:4px 4px 4px 4px rgb(145, 75, 0)  
}
```

Background

The CSS property to change the background color of an element to Yxy 11.0519, 0.5330, 0.4150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 75, 0) }
```

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

```
.background{ background-color: rgb(145, 75,  
0) }
```

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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