

Converting Colors

$Y_{xy}(11.0408, 0.5615, 0.3991)$

Have a look what the booklet for
Yxy(11.0408, 0.5615, 0.3991)
contains.

Yxy(11.1028, 0.5564, 0.3964)	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(11.1028, 0.5564, 0.3964)

Conversions

Conversions Part 1

Format	Color
Hex	9B4400
RGB	155, 68, 0
RGB Percent	61%, 27%, 0%
CMY	0.3922, 0.7333, 0.9999
CMYK	0.00, 0.56, 1.00, 0.39
HSL	26°, 100%, 30%
HSV	26°, 100%, 61%
XYZ	15.5843, 11.1028, 1.3220
YIQ	86.2610, 73.6800, -2.7040

Conversions

Conversions Part 2

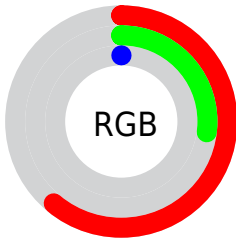
Format	Color
R_{YB}	155, 121, 0
Decimal	10175488
CIE _{Lab}	39.75, 33.35, 50.16
CIE _{LCh}	40, 60.233, 56.380
Yxy	11.1028, 0.5564, 0.3964
Android (android.graphics.Color)	4288365568 (0xFF9B4400)
YUV	86.2610, -42.5267, 60.2841
Hunter-Lab	33.3209, 25.1734, 20.9722

Details

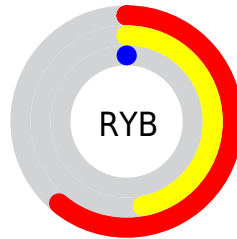
The Yxy color **11.1028, 0.5564, 0.3964** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **9.1834, 0.1836, 0.1808**, and the grayscale version is **9.4461, 0.3127, 0.3290**.

A 20% lighter version of the original color is **27.8316, 0.5038, 0.3951**, and **2.9525, 0.6083, 0.3552** is the 20% darker color. If you saturate the color by 10%, you get **11.1024, 0.5564, 0.3964**, and if you desaturate by 10%, it is **12.2711, 0.5325, 0.4024**.

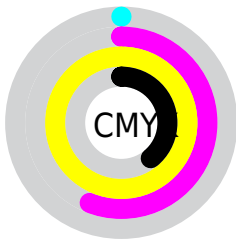
Distribution



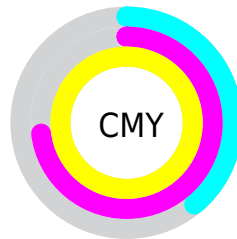
- Red (61%)
- Green (27%)
- Blue (0%)



- Red (61%)
- Yellow (47%)
- Blue (0%)



- Cyan (0%)
- Magenta (56%)
- Yellow (100%)
- Black (39%)





- Cyan (39%)
- Magenta (73%)
- Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the Yxy color 11.1028, 0.5564, 0.3964 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 11.1028, 0.5564, 0.3964 by changing the saturation by 10% instead.


 11.1028, 0.5564,
0.3964


 11.1028, 0.5564,
0.3964


 198.3715, 0.4160,
0.3748


 6.1360, 0.5999,
0.3950


 27.8501, 0.5036,
0.3957


 2.9280, 0.6311,
0.3689


 40.3994, 0.4838,
0.3928

 1.0942, 0.6764,
0.3236

 56.2450, 0.4674,
0.3895

 0.0000, 1.0000,
0.0000

 75.7714, 0.4536,
0.3862


 0.0000, 0.0000,
0.0000


 99.3628, 0.4420,
0.3830


 127.4037, 0.4321,


0.3800

 160.2784, 0.4235,
0.3773


 11.1028, 0.5564,
0.3964


 11.1028, 0.5564,
0.3964


 11.1024, 0.5564,
0.3964

 12.2711, 0.5325,
0.4024

 13.6285, 0.5057,
0.4044

 15.1939, 0.4765,
0.4015

 16.9782, 0.4467,
0.3947

 18.9909, 0.4181,
0.3852

■ 21.2412, 0.3917,
0.3742

■ 23.7374, 0.3679,
0.3626

■ 26.4876, 0.3469,
0.3509

■ 29.4991, 0.3286,
0.3396

Harmonies

Analogous

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



11.1028, 0.5533, 0.3170



11.1028, 0.5564, 0.3964



11.1028, 0.4862, 0.4880

Triad

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



11.1028, 0.5564, 0.3964



11.1028, 0.1694, 0.4228



11.1028, 0.2023, 0.1551

Complementary

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



11.1028, 0.5564, 0.3964



9.1834, 0.1836, 0.1808

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.



11.1028, 0.1377, 0.1519



11.1028, 0.5564, 0.3964



11.1028, 0.1192, 0.2689

Square

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



11.1028, 0.5564, 0.3964



11.1028, 0.2654, 0.5636



11.1028, 0.1115, 0.1837



11.1028, 0.3144, 0.1873

Rectangle

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



11.1028, 0.5564, 0.3964



11.1028, 0.4167, 0.5463



11.1028, 0.1115, 0.1837



11.1028, 0.1758, 0.1507

Sweetspot

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



11.1034, 0.5564, 0.3964



42.2352, 0.3693, 0.3633



7.6704, 0.4654, 0.2337



9.1526, 0.3783, 0.3679



78.7412, 0.3127, 0.3290



13.2868, 0.3127, 0.3290

Same Dimension

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



11.1034, 0.5564, 0.3964



19.5220, 0.5595, 0.3939



27.1164, 0.4313, 0.4957



6.6463, 0.3273, 0.3388



8.9916, 0.5550, 0.3975



0.2051, 0.4891, 0.4498

Inverse Universe

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



9.1834, 0.1836, 0.1808



16.0642, 0.1827, 0.1778



2.5911, 0.1514, 0.0651



6.5725, 0.2989, 0.3190



7.4524, 0.1839, 0.1821



0.1838, 0.2030, 0.2509

Previews

White Background



This preview shows how the Yxy color 11.1028, 0.5564, 0.3964 looks on a white background.

Color Contrast Check

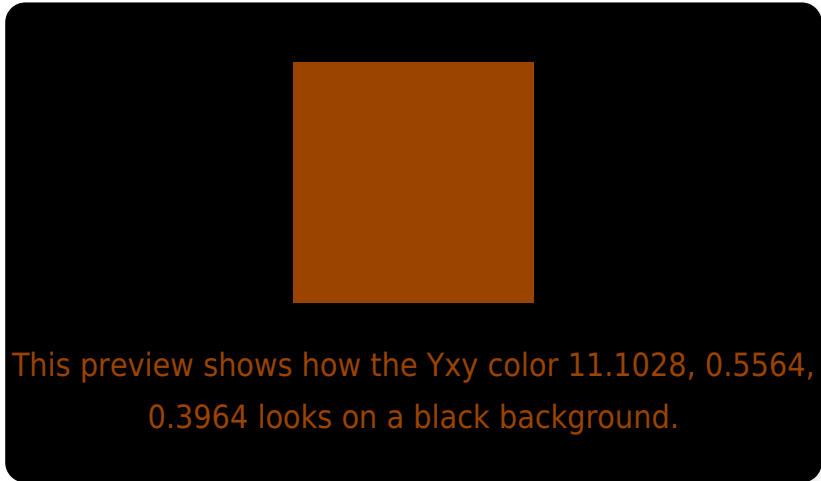
Large Text (above 18pt) WCAG AA ✓ Pass

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

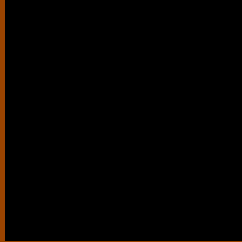
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 11.1028, 0.5564, 0.3964

Background



This preview shows how black text looks on a background with the Yxy color 11.1028, 0.5564, 0.3964.



This preview shows how white text looks on a background with the Yxy color 11.1028, 0.5564, 0.3964.

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

11.1028, 0.5564, 0.3964

Protanopia

11.3447, 0.4324, 0.4789

Deuteranopia

11.2343, 0.4679, 0.4667



Tritanopia

11.1284, 0.4853, 0.3235

Trichromacy



Original Color

11.1028, 0.5564, 0.3964

Protanomaly

10.8040, 0.4804, 0.4468

Deuteranomaly

10.9401, 0.5028, 0.4389

Tritanomaly

11.0229, 0.5236, 0.3599

Monochromacy



Original Color

11.1028, 0.5564, 0.3964

Achromatopsia

9.3059, 0.3127, 0.3290

Achromatomaly

9.2473, 0.4156, 0.3828

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.1028, 0.5564, 0.3964 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(155, 68, 0)` looks like.

```
.text, #text, p{  
  color:rgb(155, 68, 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(155, 68, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 68, 0) }
```

Border

The CSS property to change the border of an element to Yxy 11.1028, 0.5564, 0.3964 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(155, 68, 0) }
```

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

```
.border{ border-color:rgb(155, 68, 0) }
```

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

Here you see how a box with a 4 pixel rgb(155, 68, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 68, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 68, 0);  
box-shadow:4px 4px 4px 4px rgb(155, 68, 0)  
}
```


Background

The CSS property to change the background color of an element to Yxy 11.1028, 0.5564, 0.3964 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 68, 0) }
```

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

```
.background{ background-color: rgb(155, 68,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor