

Converting Colors

$Y_{xy}(11.0411, 0.5563, 0.3557)$

Have a look what the booklet for
Yxy(11.0411, 0.5563, 0.3557)
contains.

Yxy(11.0411, 0.5563, 0.3557)	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(11.0411, 0.5563, 0.3557)

Conversions

Conversions Part 1

Format	Color
Hex	A53922
RGB	165, 57, 34
RGB Percent	65%, 22%, 13%
CMY	0.3530, 0.7764, 0.8668
CMYK	0.00, 0.65, 0.79, 0.35
HSL	11°, 66%, 39%
HSV	11°, 79%, 65%
XYZ	17.2678, 11.0411, 2.7316
YIQ	86.6700, 71.7510, 15.7430

Conversions

Conversions Part 2

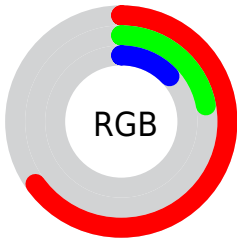
Format	Color
RYB	165, 62, 34
Decimal	10828066
CIELab	39.65, 43.32, 37.40
CIELCh	40, 57.227, 40.808
Yxy	11.0411, 0.5563, 0.3557
Android (android.graphics.Color)	4289018146 (0xFFA53922)
YUV	86.6700, -25.9663, 68.6954
Hunter-Lab	33.2282, 34.6126, 18.3857

Details

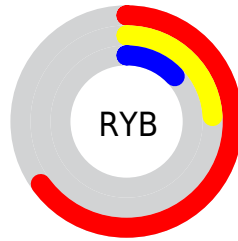
The Yxy color **11.0411, 0.5563, 0.3557** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **22.3853, 0.2180, 0.2851**, and the grayscale version is **9.5020, 0.3127, 0.3290**.

A 20% lighter version of the original color is **27.6852, 0.4979, 0.3601**, and **3.0642, 0.6401, 0.3300** is the 20% darker color. If you saturate the color by 10%, you get **9.7990, 0.5920, 0.3516**, and if you desaturate by 10%, it is **12.6903, 0.5153, 0.3567**.

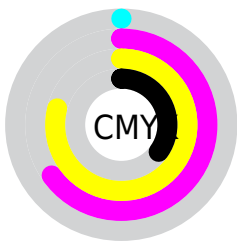
Distribution



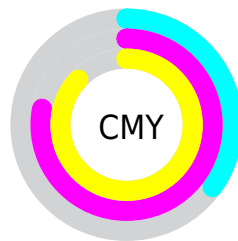
- Red (65%)
- Green (22%)
- Blue (13%)



- Red (65%)
- Yellow (24%)
- Blue (13%)



- Cyan (0%)
- Magenta (65%)
- Yellow (79%)
- Black (35%)





- Cyan (35%)
- Magenta (78%)
- Yellow (87%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.0411, 0.5563, 0.3557 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 11.0411, 0.5563, 0.3557 by changing the saturation by 10% instead.


 11.0411, 0.5563,
0.3557


 11.0411, 0.5563,
0.3557


197.9493, 0.4099,
0.3531


 6.0945, 0.5987,
0.3468

 27.7361, 0.4976,
0.3601

 2.9026, 0.6669,
0.3331

 40.2534, 0.4770,
0.3598


 1.0811, 0.7193,
0.2807

 56.0629, 0.4604,
0.3589

 0.0000, 1.0000,
0.0000


 75.5492, 0.4467,
0.3578


 0.0000, 0.0000,
0.0000


 99.0965, 0.4352,
0.3566


 127.0894, 0.4255,

0.3554


 159.9122, 0.4172,
0.3542


 11.0411, 0.5563,
0.3557


 11.0411, 0.5563,
0.3557


 9.7990, 0.5920,
0.3516


 12.6903, 0.5153,
0.3567


 8.9204, 0.6192,
0.3456

 14.7766, 0.4738,
0.3551

 8.8788, 0.6207,
0.3454

 17.3294, 0.4353,
0.3518

 20.3750, 0.4014,
0.3474

 23.9375, 0.3725,
0.3426

■ 28.0396, 0.3483,
0.3377

■ 32.7026, 0.3283,
0.3331

■ 37.9466, 0.3118,
0.3288

■ 43.7907, 0.2982,
0.3248

Harmonies

Analogous

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



11.0411, 0.5035, 0.2817



11.0411, 0.5563, 0.3557



11.0411, 0.5222, 0.4381

Triad

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



11.0411, 0.5563, 0.3557



11.0411, 0.2201, 0.4981



11.0411, 0.1686, 0.1556

Complementary

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



11.0411, 0.5563, 0.3557



22.3853, 0.2180, 0.2851

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.



11.0411, 0.1260, 0.1694



11.0411, 0.5563, 0.3557



11.0411, 0.1459, 0.3421

Square

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



11.0411, 0.5563, 0.3557



11.0411, 0.3264, 0.5710



11.0411, 0.1176, 0.2249



11.0411, 0.2532, 0.1725

Rectangle

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



11.0411, 0.5563, 0.3557



11.0411, 0.4678, 0.4972



11.0411, 0.1176, 0.2249



11.0411, 0.1503, 0.1565

Sweetspot

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



11.0417, 0.5563, 0.3557



46.4056, 0.3599, 0.3401



11.1287, 0.3553, 0.1878



9.6145, 0.3683, 0.3418



82.7571, 0.3127, 0.3290



14.7319, 0.3127, 0.3290

Same Dimension

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



11.0417, 0.5563, 0.3557



16.3436, 0.6120, 0.3468



21.8662, 0.4621, 0.4455



7.2781, 0.3281, 0.3330



6.7715, 0.6192, 0.3466



0.1953, 0.5626, 0.3915

Inverse Universe

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



22.3853, 0.2180, 0.2851



36.9357, 0.2102, 0.2744



8.4537, 0.1835, 0.1529



7.7983, 0.2988, 0.3250



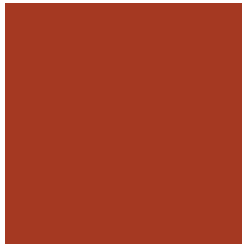
15.4353, 0.2092, 0.2730



0.3767, 0.2154, 0.2953

Previews

White Background



This preview shows how the Yxy color 11.0411, 0.5563, 0.3557 looks on a white background.

Color Contrast Check

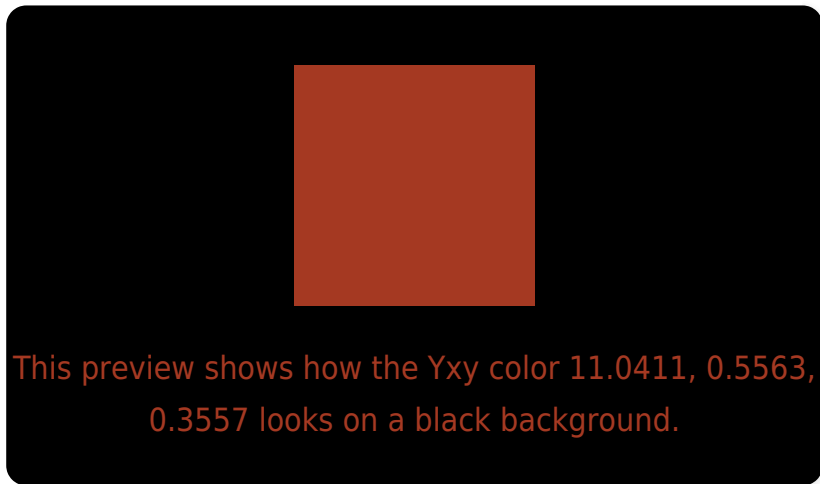
Large Text (above 18pt) WCAG AA ✓ Pass

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

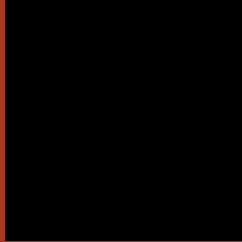
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 11.0411, 0.5563, 0.3557

Background



This preview shows how black text looks on a background with the Yxy color 11.0411, 0.5563, 0.3557.



This preview shows how white text looks on a background with the Yxy color 11.0411, 0.5563, 0.3557.

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

11.0411, 0.5563, 0.3557

Protanopia

11.1981, 0.4024, 0.4374

Deuteranopia

11.3045, 0.4532, 0.4478



Tritanopia

11.0407, 0.5248, 0.3258

Trichromacy



Original Color

11.0411, 0.5563, 0.3557

Protanomaly

10.5570, 0.4625, 0.4037

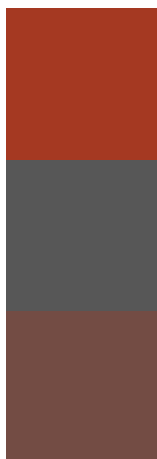
Deuteranomaly

10.7669, 0.4968, 0.4087

Tritanomaly

11.0611, 0.5377, 0.3370

Monochromacy



Original Color

11.0411, 0.5563, 0.3557

Achromatopsia

9.5307, 0.3127, 0.3290

Achromatomaly

9.2311, 0.4019, 0.3468

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.0411, 0.5563, 0.3557 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(165, 57, 34)` looks like.

```
.text, #text, p{  
    color:rgb(165, 57, 34)  
}
```

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(165, 57, 34) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 57, 34) }
```

Border

The CSS property to change the border of an element to Yxy 11.0411, 0.5563, 0.3557 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(165, 57, 34) }
```

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

```
.border{ border-color:rgb(165, 57, 34) }
```

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

Here you see how a box with a 4 pixel rgb(165, 57, 34) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 57, 34); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 57, 34);  
box-shadow:4px 4px 4px 4px rgb(165, 57,  
34) }
```


Background

The CSS property to change the background color of an element to Yxy 11.0411, 0.5563, 0.3557 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 57, 34) }
```

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

```
.background{ background-color: rgb(165, 57,  
34) }
```

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