

Converting Colors

$Y_{xy}(11.1743, 0.4570, 0.3565)$

Have a look what the booklet for
Yxy(11.1743, 0.4570, 0.3565)
contains.

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Color

Yxy(11.2201, 0.4564, 0.3578)

Conversions

Conversions Part 1

Format	Color
Hex	8C4D3D
RGB	140, 77, 61
RGB Percent	55%, 30%, 24%
CMY	0.4510, 0.6980, 0.7608
CMYK	0.00, 0.45, 0.56, 0.45
HSL	12°, 39%, 39%
HSV	12°, 56%, 55%
XYZ	14.3121, 11.2201, 5.8264
YIQ	94.0130, 42.6840, 8.3800

Conversions

Conversions Part 2

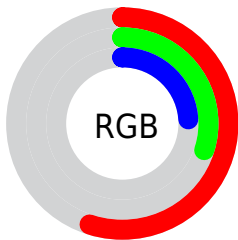
Format	Color
R _Y B	140, 81, 61
Decimal	9194813
CIE Lab	39.95, 24.85, 21.10
CIE LCh	40, 32.596, 40.333
Yxy	11.2201, 0.4564, 0.3578
Android (android.graphics.Color)	4287384893 (0xFF8C4D3D)
YUV	94.0130, -16.2754, 40.3306
Hunter-Lab	33.4964, 17.6492, 13.1345

Details

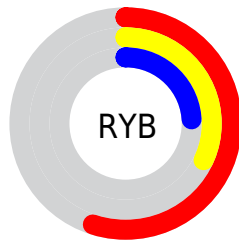
The Yxy color **11.2201, 0.4564, 0.3578** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **17.3026, 0.2367, 0.2953**, and the grayscale version is **11.2286, 0.3127, 0.3290**.

A 20% lighter version of the original color is **28.1532, 0.4189, 0.3534**, and **3.0021, 0.5309, 0.3592** is the 20% darker color. If you saturate the color by 10%, you get **9.6584, 0.4954, 0.3606**, and if you desaturate by 10%, it is **13.0906, 0.4209, 0.3534**.

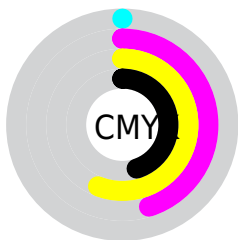
Distribution



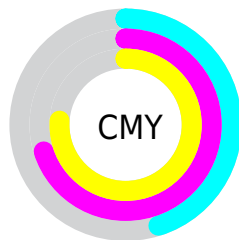
- Red (55%)
- Green (30%)
- Blue (24%)



- Red (55%)
- Yellow (32%)
- Blue (24%)



- Cyan (0%)
- Magenta (45%)
- Yellow (56%)
- Black (45%)





- Cyan (45%)
- Magenta (70%)
- Yellow (76%)


Brightness & Saturation Gradients


These gradients show how the Yxy color 11.2201, 0.4564, 0.3578 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 11.2201, 0.4564, 0.3578 by changing the saturation by 10% instead.


 11.2201, 0.4564,
0.3578

 11.2201, 0.4564,
0.3578


 199.1714, 0.3675,
0.3442


 6.2151, 0.4865,
0.3591

 28.0665, 0.4188,
0.3538


 2.9763, 0.5309,
0.3575

 40.6766, 0.4064,
0.3519


 1.1194, 0.6344,
0.3656

 56.5905, 0.3965,
0.3502

 0.0000, 1.0000,
0.0000

 76.1927, 0.3885,
0.3487

 0.0000, 0.0000,
0.0000

 99.8675, 0.3819,
0.3474

 127.9992, 0.3764,

0.3462

160.9724, 0.3716,
0.3452

■ 11.2201, 0.4564,
0.3578

■ 11.2201, 0.4564,
0.3578

■ 9.6584, 0.4954,
0.3606

■ 13.0906, 0.4209,
0.3534

■ 8.3868, 0.5356,
0.3610

■ 15.2838, 0.3898,
0.3482

■ 7.3876, 0.5730,
0.3582

■ 17.8145, 0.3635,
0.3427

■ 6.6382, 0.6037,
0.3525

■ 20.6965, 0.3413,
0.3373

■ 6.4232, 0.6138,
0.3508

■ 23.9424, 0.3229,
0.3321

■ 27.5646, 0.3076,
0.3273

■ 31.5745, 0.2948,
0.3229

■ 35.9832, 0.2841,
0.3189

■ 40.8015, 0.2751,
0.3153

Harmonies

Analogous

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



11.2201, 0.4208, 0.3044



11.2201, 0.4564, 0.3578



11.2201, 0.4468, 0.4113

Triad

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



11.2201, 0.4564, 0.3578



11.2201, 0.2644, 0.4184



11.2201, 0.2222, 0.2175

Complementary

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



11.2201, 0.4564, 0.3578



17.3026, 0.2367, 0.2953

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.



11.2201, 0.1913, 0.2314



11.2201, 0.4564, 0.3578



11.2201, 0.2123, 0.3426

Square

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



11.2201, 0.4564, 0.3578



11.2201, 0.3332, 0.4613



11.2201, 0.1876, 0.2735



11.2201, 0.2786, 0.2279

Rectangle

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



11.2201, 0.4564, 0.3578



11.2201, 0.4188, 0.4416



11.2201, 0.1876, 0.2735



11.2201, 0.2089, 0.2193

Sweetspot

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



11.2207, 0.4564, 0.3578



35.9871, 0.3432, 0.3378



10.3740, 0.3448, 0.2217



8.0818, 0.3468, 0.3387



71.0566, 0.3127, 0.3290



10.6539, 0.3127, 0.3290

Same Dimension

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



11.2207, 0.4564, 0.3578



16.3009, 0.5075, 0.3611



18.4738, 0.4129, 0.4252



5.2021, 0.3276, 0.3335



5.7312, 0.6131, 0.3514



0.0553, 0.5474, 0.4036

Inverse Universe

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



17.3026, 0.2367, 0.2953



28.0526, 0.2243, 0.2861



9.3361, 0.2181, 0.2060



5.5195, 0.2991, 0.3245



11.9385, 0.2068, 0.2645



0.0995, 0.2162, 0.2983

Previews

White Background



This preview shows how the Yxy color 11.2201, 0.4564, 0.3578 looks on a white background.

Color Contrast Check

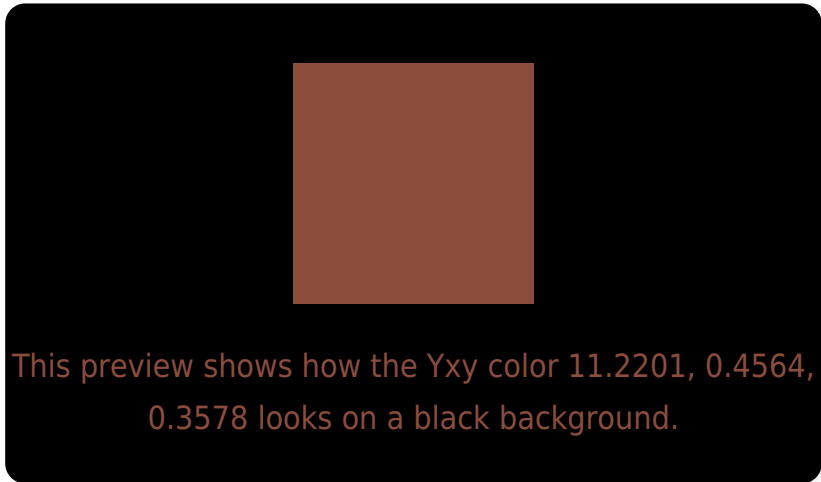
Large Text (above 18pt) WCAG AA ✓ Pass

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

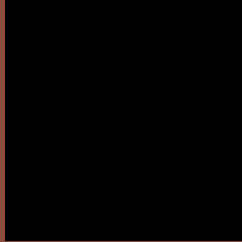
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 11.2201, 0.4564, 0.3578

Background



This preview shows how black text looks on a background with the Yxy color 11.2201, 0.4564, 0.3578.



This preview shows how white text looks on a background with the Yxy color 11.2201, 0.4564, 0.3578.

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

11.2201, 0.4564, 0.3578

Protanopia

11.4266, 0.3641, 0.3919

Deuteranopia

11.2627, 0.4057, 0.3976



Tritanopia

11.1395, 0.4255, 0.3185

Trichromacy



Original Color

11.2201, 0.4564, 0.3578

Protanomaly

11.0741, 0.3982, 0.3787

Deuteranomaly

11.0979, 0.4247, 0.3817

Tritanomaly

11.1759, 0.4381, 0.3330

Monochromacy



Original Color

11.2201, 0.4564, 0.3578

Achromatopsia

11.1932, 0.3127, 0.3290

Achromatomaly

10.9682, 0.3612, 0.3425

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.2201, 0.4564, 0.3578 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(140, 77, 61)` looks like.

```
.text, #text, p{  
    color:rgb(140, 77, 61)  
}
```

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(140, 77, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 77, 61) }
```

Border

The CSS property to change the border of an element to Yxy 11.2201, 0.4564, 0.3578 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(140, 77, 61) }
```

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

```
.border{ border-color:rgb(140, 77, 61) }
```

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

Here you see how a box with a 4 pixel rgb(140, 77, 61) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 77, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 77, 61);  
box-shadow:4px 4px 4px 4px rgb(140, 77,  
61) }
```


Background

The CSS property to change the background color of an element to Yxy 11.2201, 0.4564, 0.3578 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 77, 61) }
```

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

```
.background{ background-color: rgb(140, 77,  
61) }
```

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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