

Converting Colors

$Y_{xy}(11.5796, 0.5714, 0.3563)$

Have a look what the booklet for
Yxy(11.5796, 0.5714, 0.3563)
contains.

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Color

Yxy(11.5869, 0.5714, 0.3562)

Conversions

Conversions Part 1

Format	Color
Hex	AC371C
RGB	172, 55, 28
RGB Percent	67%, 22%, 11%
CMY	0.3255, 0.7842, 0.8902
CMYK	0.00, 0.68, 0.84, 0.33
HSL	11°, 72%, 39%
HSV	11°, 84%, 67%
XYZ	18.5872, 11.5869, 2.3551
YIQ	86.9050, 78.3990, 16.4070

Conversions

Conversions Part 2

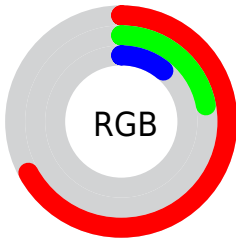
Format	Color
R_{YB}	172, 61, 28
Decimal	11286300
CIE _{Lab}	40.55, 46.46, 41.78
CIE _{LCh}	41, 62.484, 41.962
Yxy	11.5869, 0.5714, 0.3562
Android (android.graphics.Color)	4289476380 (0xFFAC371C)
YUV	86.9050, -29.0402, 74.6283
Hunter-Lab	34.0395, 37.9002, 19.7255

Details

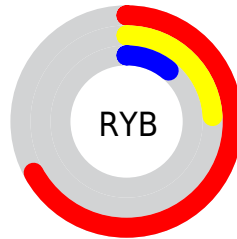
The Yxy color **11.5869, 0.5714, 0.3562** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **23.4641, 0.2145, 0.2790**, and the grayscale version is **9.5622, 0.3127, 0.3290**.

A 20% lighter version of the original color is **28.7255, 0.5112, 0.3620**, and **3.4447, 0.6401, 0.3300** is the 20% darker color. If you saturate the color by 10%, you get **10.3824, 0.6031, 0.3505**, and if you desaturate by 10%, it is **13.2156, 0.5323, 0.3586**.

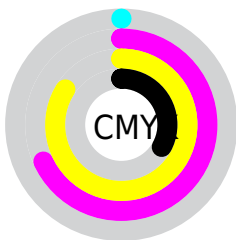
Distribution



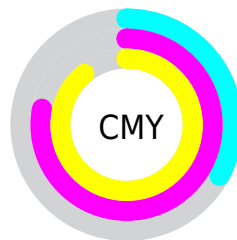
- Red (67%)
- Green (22%)
- Blue (11%)



- Red (67%)
- Yellow (24%)
- Blue (11%)



- Cyan (0%)
- Magenta (68%)
- Yellow (84%)
- Black (33%)




- Cyan (33%)
- Magenta (78%)
- Yellow (89%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.5869, 0.5714, 0.3562 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 11.5869, 0.5714, 0.3562 by changing the saturation by 10% instead.


 11.5869, 0.5714,
0.3562


 11.5869, 0.5714,
0.3562


201.6509, 0.4186,
0.3560


 6.4631, 0.6136,
0.3456


 28.7405, 0.5115,
0.3625


 3.1286, 0.6736,
0.3264

 41.5390, 0.4901,
0.3626

 1.1993, 0.7254,
0.2746

 57.6645, 0.4725,
0.3619

 0.0611, 0.9532,
0.0468

 77.5014, 0.4580,
0.3609


 0.0000, 1.0000,
0.0000


 101.4341, 0.4457,
0.3597


 0.0000, 0.0000,
0.0000


 129.8470, 0.4353,


0.3584

 163.1245, 0.4264,
0.3572


 11.5869, 0.5714,
0.3562

 11.5869, 0.5714,
0.3562

 10.3824, 0.6031,
0.3505


 13.2156, 0.5323,
0.3586

 9.8175, 0.6191,
0.3466

 15.3023, 0.4908,
0.3580

 17.8797, 0.4510,
0.3551

 20.9766, 0.4152,
0.3507

 24.6197, 0.3843,
0.3457

■ 28.8339, 0.3582,
0.3405

■ 33.6423, 0.3365,
0.3355

■ 39.0671, 0.3186,
0.3307

■ 45.1289, 0.3037,
0.3263

Harmonies

Analogous

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



11.5869, 0.5210, 0.2801



11.5869, 0.5714, 0.3562



11.5869, 0.5292, 0.4427

Triad

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



11.5869, 0.5714, 0.3562



11.5869, 0.2085, 0.5071



11.5869, 0.1633, 0.1471

Complementary

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



11.5869, 0.5714, 0.3562



23.4641, 0.2145, 0.2790

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.



11.5869, 0.1181, 0.1592



11.5869, 0.5714, 0.3562



11.5869, 0.1340, 0.3353

Square

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



11.5869, 0.5714, 0.3562



11.5869, 0.3187, 0.5893



11.5869, 0.1077, 0.2138



11.5869, 0.2532, 0.1658

Rectangle

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



11.5869, 0.5714, 0.3562



11.5869, 0.4697, 0.5074



11.5869, 0.1077, 0.2138



11.5869, 0.1439, 0.1474

Sweetspot

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



11.5876, 0.5714, 0.3562



50.9215, 0.3624, 0.3414



11.6622, 0.3623, 0.1871



10.4903, 0.3710, 0.3432



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

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



11.5876, 0.5714, 0.3562



17.5756, 0.6216, 0.3447



23.8749, 0.4665, 0.4504



8.2496, 0.3282, 0.3333



7.3687, 0.6175, 0.3479



0.2751, 0.5650, 0.3896

Inverse Universe

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



23.4641, 0.2145, 0.2790



38.9751, 0.2075, 0.2669



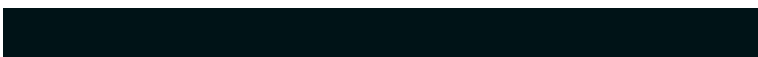
8.0683, 0.1770, 0.1380



8.8127, 0.2986, 0.3246



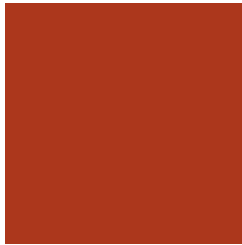
16.1877, 0.2080, 0.2688



0.5154, 0.2136, 0.2889

Previews

White Background



This preview shows how the Yxy color 11.5869, 0.5714, 0.3562 looks on a white background.

Color Contrast Check

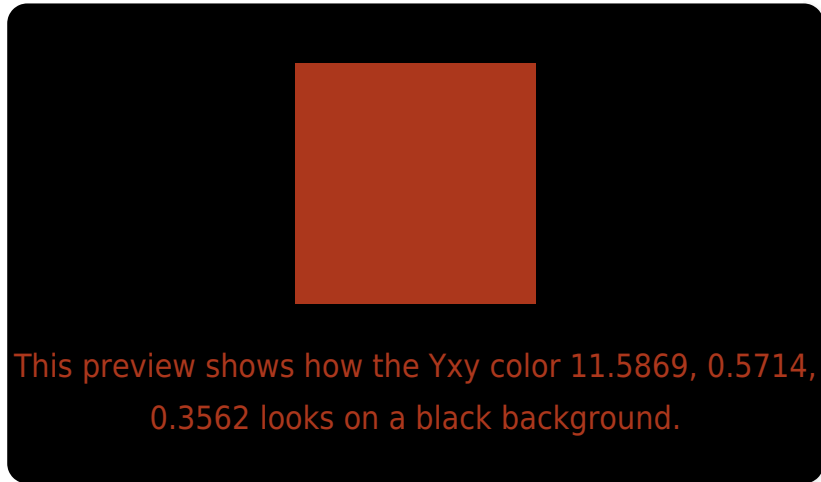
Large Text (above 18pt) WCAG AA ✓ Pass

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

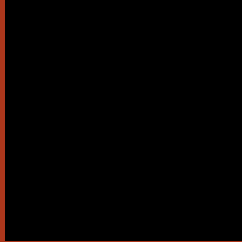
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 11.5869, 0.5714, 0.3562

Background



This preview shows how black text looks on a background with the Yxy color 11.5869, 0.5714, 0.3562.



This preview shows how white text looks on a background with the Yxy color 11.5869, 0.5714, 0.3562.

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

11.5869, 0.5714, 0.3562

Protanopia

11.8840, 0.4108, 0.4510

Deuteranopia

11.8209, 0.4626, 0.4585



Tritanopia

11.6161, 0.5377, 0.3262

Trichromacy



Original Color

11.5869, 0.5714, 0.3562

Protanomaly

10.9812, 0.4749, 0.4112

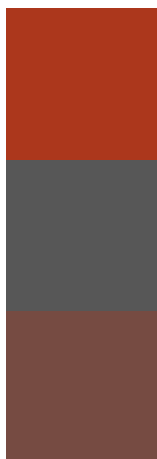
Deuteranomaly

11.2111, 0.5092, 0.4161

Tritanomaly

11.6199, 0.5530, 0.3385

Monochromacy



Original Color

11.5869, 0.5714, 0.3562

Achromatopsia

9.5307, 0.3127, 0.3290

Achromatomaly

9.2771, 0.4122, 0.3486

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.5869, 0.5714, 0.3562 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(172, 55, 28)` looks like.

```
.text, #text, p{  
    color:rgb(172, 55, 28)  
}
```

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(172, 55, 28) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 55, 28) }
```

Border

The CSS property to change the border of an element to Yxy 11.5869, 0.5714, 0.3562 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(172, 55, 28) }
```

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

```
.border{ border-color:rgb(172, 55, 28) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 55, 28)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 55, 28); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 55, 28);  
box-shadow:4px 4px 4px 4px rgb(172, 55,  
28) }
```


Background

The CSS property to change the background color of an element to Yxy 11.5869, 0.5714, 0.3562 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 55, 28) }
```

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

```
.background{ background-color: rgb(172, 55,  
28) }
```

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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