

Converting Colors

$Y_{xy}(11.0872, 0.5772, 0.3432)$

Have a look what the booklet for
Yxy(11.0872, 0.5772, 0.3432)
contains.

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Color

Yxy(11.1415, 0.5770, 0.3429)

Conversions

Conversions Part 1

Format	Color
Hex	AE2F21
RGB	174, 47, 33
RGB Percent	68%, 18%, 13%
CMY	0.3176, 0.8157, 0.8705
CMYK	0.00, 0.73, 0.81, 0.32
HSL	6°, 68%, 41%
HSV	6°, 81%, 68%
XYZ	18.7479, 11.1415, 2.6026
YIQ	83.3770, 80.1860, 22.5700

Conversions

Conversions Part 2

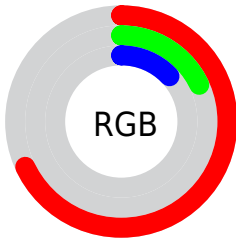
Format	Color
R_{YB}	174, 49, 33
Decimal	11415329
CIE Lab	39.82, 50.46, 38.63
CIE LCh	40, 63.547, 37.433
Yxy	11.1415, 0.5770, 0.3429
Android (android.graphics.Color)	4289605409 (0xFFAE2F21)
YUV	83.3770, -24.8359, 79.4764
Hunter-Lab	33.3789, 41.8448, 18.7423

Details

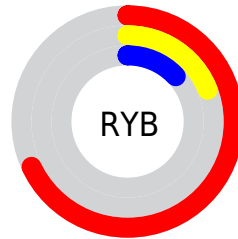
The Yxy color **11.1415, 0.5770, 0.3429** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **28.5308, 0.2221, 0.3041**, and the grayscale version is **8.7710, 0.3127, 0.3290**.

A 20% lighter version of the original color is **27.9001, 0.5140, 0.3519**, and **3.5107, 0.6401, 0.3300** is the 20% darker color. If you saturate the color by 10%, you get **10.0326, 0.6109, 0.3396**, and if you desaturate by 10%, it is **12.7523, 0.5346, 0.3443**.

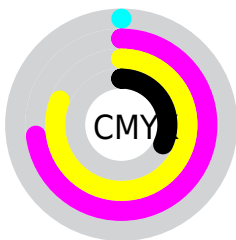
Distribution



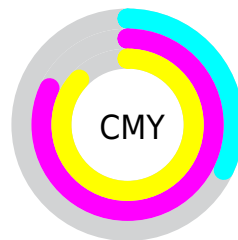
- Red (68%)
- Green (18%)
- Blue (13%)



- Red (68%)
- Yellow (19%)
- Blue (13%)



- Cyan (0%)
- Magenta (73%)
- Yellow (81%)
- Black (32%)





- Cyan (32%)
- Magenta (82%)
- Yellow (87%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.1415, 0.5770, 0.3429 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 11.1415, 0.5770, 0.3429 by changing the saturation by 10% instead.


 11.1415, 0.5770,
0.3429


 11.1415, 0.5770,
0.3429


198.6358, 0.4192,
0.3498


 6.1621, 0.6216,
0.3305

 27.9215, 0.5143,
0.3517


 2.9439, 0.6895,
0.3105

 40.4909, 0.4922,
0.3528


 1.1025, 0.7448,
0.2552

 56.3591, 0.4741,
0.3530

 0.0000, 1.0000,
0.0000

 75.9105, 0.4592,
0.3527


 0.0000, 0.0000,
0.0000


 99.5295, 0.4467,
0.3521


 127.6004, 0.4362,

0.3514


 160.5077, 0.4271,
0.3506


 11.1415, 0.5770,
0.3429

 11.1415, 0.5770,
0.3429


 10.0326, 0.6109,
0.3396


 12.7523, 0.5346,
0.3443

 9.4081, 0.6318,
0.3366

 14.9130, 0.4900,
0.3440

 17.6685, 0.4478,
0.3423

 21.0582, 0.4105,
0.3400

 25.1183, 0.3790,
0.3372

■ 29.8822, 0.3529,
0.3344

■ 35.3811, 0.3316,
0.3318

■ 41.6443, 0.3143,
0.3292

■ 48.6996, 0.3002,
0.3269

Harmonies

Analogous

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



11.1415, 0.5103, 0.2672



11.1415, 0.5770, 0.3429



11.1415, 0.5444, 0.4288

Triad

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



11.1415, 0.5770, 0.3429



11.1415, 0.2204, 0.5365



11.1415, 0.1505, 0.1432

Complementary

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



11.1415, 0.5770, 0.3429



28.5308, 0.2221, 0.3041

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.



11.1415, 0.1107, 0.1605



11.1415, 0.5770, 0.3429



11.1415, 0.1377, 0.3604

Square

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



11.1415, 0.5770, 0.3429



11.1415, 0.3348, 0.5954



11.1415, 0.1050, 0.2239



11.1415, 0.2342, 0.1577

Rectangle

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



11.1415, 0.5770, 0.3429



11.1415, 0.4881, 0.4958



11.1415, 0.1050, 0.2239



11.1415, 0.1330, 0.1450

Sweetspot

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



11.1422, 0.5770, 0.3429



51.1140, 0.3612, 0.3354



12.7059, 0.3376, 0.1747



10.6903, 0.3704, 0.3364



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



11.1422, 0.5770, 0.3429



17.1987, 0.6282, 0.3362



21.4305, 0.4813, 0.4317



8.1384, 0.3284, 0.3313



6.8661, 0.6306, 0.3375



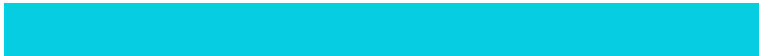
0.2310, 0.5958, 0.3651

Inverse Universe

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



28.5308, 0.2221, 0.3041



49.3085, 0.2165, 0.2982



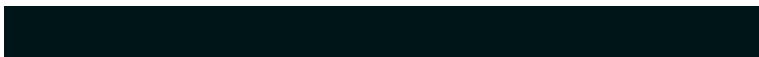
10.9933, 0.1869, 0.1702



8.9343, 0.2986, 0.3267



19.6935, 0.2161, 0.2981



0.5861, 0.2190, 0.3082

Previews

White Background



This preview shows how the Yxy color 11.1415, 0.5770, 0.3429 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



This preview shows how the Yxy color 11.1415, 0.5770, 0.3429 looks on a 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 11.1415, 0.5770, 0.3429

Background



This preview shows how black text looks on a background with the Yxy color 11.1415, 0.5770, 0.3429.



This preview shows how white text looks on a background with the Yxy color 11.1415, 0.5770, 0.3429.

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

11.1415, 0.5770, 0.3429

Protanopia

11.3849, 0.4000, 0.4374

Deuteranopia

11.2884, 0.4564, 0.4520



Tritanopia

11.0807, 0.5591, 0.3276

Trichromacy



Original Color

11.1415, 0.5770, 0.3429

Protanomaly

10.3547, 0.4719, 0.3962

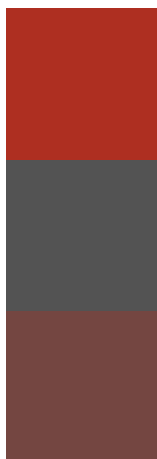
Deuteranomaly

10.4567, 0.5111, 0.4027

Tritanomaly

11.1198, 0.5658, 0.3338

Monochromacy



Original Color

11.1415, 0.5770, 0.3429

Achromatopsia

8.6500, 0.3127, 0.3290

Achromatomaly

8.4750, 0.4153, 0.3402

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.1415, 0.5770, 0.3429 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(174, 47, 33)` looks like.

```
.text, #text, p{  
    color:rgb(174, 47, 33)  
}
```

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(174, 47, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 47, 33) }
```

Border

The CSS property to change the border of an element to Yxy 11.1415, 0.5770, 0.3429 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(174, 47, 33) }
```

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

```
.border{ border-color:rgb(174, 47, 33) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 47, 33)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 47, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 47, 33);  
box-shadow:4px 4px 4px 4px rgb(174, 47,  
33) }
```


Background

The CSS property to change the background color of an element to Yxy 11.1415, 0.5770, 0.3429 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 47, 33) }
```

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

```
.background{ background-color: rgb(174, 47,  
33) }
```

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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