

Converting Colors

$Yxy(11.0914, 0.5701, 0.3436)$

Have a look what the booklet for
Yxy(11.0914, 0.5701, 0.3436)
contains.

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Color

Yxy(11.0886, 0.5708, 0.3437)

Conversions

Conversions Part 1

Format	Color
Hex	AC3123
RGB	172, 49, 35
RGB Percent	67%, 19%, 14%
CMY	0.3255, 0.8078, 0.8628
CMYK	0.00, 0.72, 0.80, 0.33
HSL	6°, 66%, 41%
HSV	6°, 80%, 67%
XYZ	18.4154, 11.0886, 2.7584
YIQ	84.1810, 77.8020, 21.7220

Conversions

Conversions Part 2

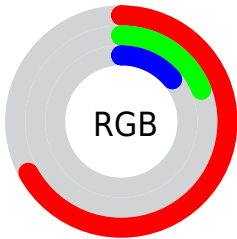
Format	Color
R_{YB}	172, 51, 35
Decimal	11284771
CIE _{Lab}	39.73, 49.11, 37.35
CIE _{LCh}	40, 61.698, 37.250
Yxy	11.0886, 0.5708, 0.3437
Android (android.graphics.Color)	4289474851 (0xFFAC3123)
YUV	84.1810, -24.2462, 77.0173
Hunter-Lab	33.2995, 40.4403, 18.3983

Details

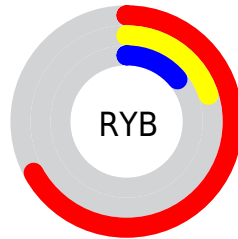
The Yxy color **11.0886, 0.5708, 0.3437** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **27.7836, 0.2226, 0.3038**, and the grayscale version is **8.9442, 0.3127, 0.3290**.

A 20% lighter version of the original color is **27.7870, 0.5092, 0.3514**, and **3.4447, 0.6401, 0.3300** is the 20% darker color. If you saturate the color by 10%, you get **9.9333, 0.6063, 0.3406**, and if you desaturate by 10%, it is **12.7377, 0.5278, 0.3449**.

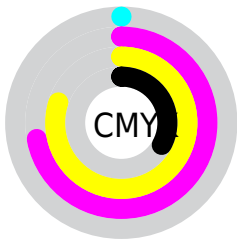
Distribution



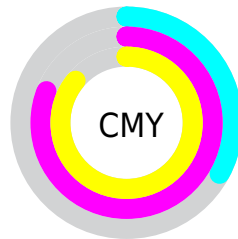
- Red (67%)
- Green (19%)
- Blue (14%)



- Red (67%)
- Yellow (20%)
- Blue (14%)



- Cyan (0%)
- Magenta (72%)
- Yellow (80%)
- Black (33%)





- Cyan (33%)
- Magenta (81%)
- Yellow (86%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.0886, 0.5708, 0.3437 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 11.0886, 0.5708, 0.3437 by changing the saturation by 10% instead.


 11.0886, 0.5708,
0.3437


 11.0886, 0.5708,
0.3437


198.2744, 0.4161,
0.3493


 6.1265, 0.6152,
0.3321

 27.8239, 0.5090,
0.3517

 2.9221, 0.6856,
0.3144

 40.3658, 0.4872,
0.3525


 1.0912, 0.7406,
0.2594


 56.2031, 0.4696,
0.3526

 0.0000, 1.0000,
0.0000


 75.7203, 0.4550,
0.3522


 0.0000, 0.0000,
0.0000

 99.3015, 0.4429,
0.3516


 127.3314, 0.4326,

0.3508


 160.1942, 0.4237,
0.3500


 11.0886, 0.5708,
0.3437


 11.0886, 0.5708,
0.3437

 9.9333, 0.6063,
0.3406


 12.7377, 0.5278,
0.3449


 9.2090, 0.6306,
0.3370

 14.9259, 0.4835,
0.3443

 9.1908, 0.6314,
0.3369

 17.6954, 0.4420,
0.3424

 21.0838, 0.4056,
0.3399

 25.1254, 0.3750,
0.3371

■ 29.8521, 0.3497,
0.3342

■ 35.2936, 0.3290,
0.3315

■ 41.4780, 0.3122,
0.3289

■ 48.4316, 0.2985,
0.3266

Harmonies

Analogous

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



11.0886, 0.5044, 0.2686



11.0886, 0.5708, 0.3437



11.0886, 0.5406, 0.4281

Triad

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



11.0886, 0.5708, 0.3437



11.0886, 0.2241, 0.5305



11.0886, 0.1533, 0.1466

Complementary

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



11.0886, 0.5708, 0.3437



27.7836, 0.2226, 0.3038

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.



11.0886, 0.1140, 0.1642



11.0886, 0.5708, 0.3437



11.0886, 0.1421, 0.3612

Square

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



11.0886, 0.5708, 0.3437



11.0886, 0.3368, 0.5883



11.0886, 0.1089, 0.2276



11.0886, 0.2356, 0.1607

Rectangle

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



11.0886, 0.5708, 0.3437



11.0886, 0.4859, 0.4928



11.0886, 0.1089, 0.2276



11.0886, 0.1361, 0.1486

Sweetspot

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



11.0893, 0.5708, 0.3437



49.9064, 0.3611, 0.3356



12.4511, 0.3407, 0.1781



10.2173, 0.3701, 0.3366



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.



11.0893, 0.5708, 0.3437



16.9120, 0.6258, 0.3370



21.6605, 0.4751, 0.4342



8.1423, 0.3284, 0.3314



6.8797, 0.6303, 0.3378



0.2325, 0.5946, 0.3661

Inverse Universe

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



27.7836, 0.2226, 0.3038



47.8700, 0.2164, 0.2975



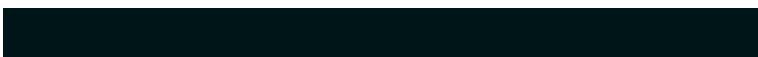
10.6129, 0.1874, 0.1689



8.9299, 0.2986, 0.3266



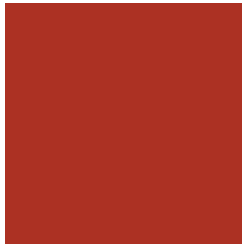
19.5598, 0.2159, 0.2971



0.5835, 0.2188, 0.3075

Previews

White Background



This preview shows how the Yxy color 11.0886, 0.5708, 0.3437 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 11.0886, 0.5708, 0.3437 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 11.0886, 0.5708, 0.3437

Background



This preview shows how black text looks on a background with the Yxy color 11.0886, 0.5708, 0.3437.



This preview shows how white text looks on a background with the Yxy color 11.0886, 0.5708, 0.3437.

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

11.0886, 0.5708, 0.3437

Protanopia

11.4011, 0.3974, 0.4335

Deuteranopia

11.3002, 0.4540, 0.4489



Tritanopia

11.0254, 0.5520, 0.3275

Trichromacy



Original Color

11.0886, 0.5708, 0.3437

Protanomaly

10.2903, 0.4674, 0.3938

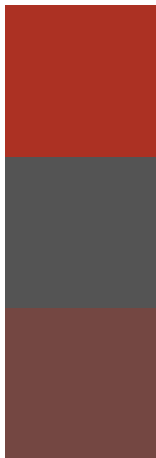
Deuteranomaly

10.5193, 0.5049, 0.4021

Tritanomaly

11.0664, 0.5591, 0.3340

Monochromacy



Original Color

11.0886, 0.5708, 0.3437

Achromatopsia

8.8656, 0.3127, 0.3290

Achromatomaly

8.6128, 0.4123, 0.3402

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.0886, 0.5708, 0.3437 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, 49, 35)` looks like.

```
.text, #text, p{  
    color:rgb(172, 49, 35)  
}
```

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, 49, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 49, 35) }
```

Border

The CSS property to change the border of an element to Yxy 11.0886, 0.5708, 0.3437 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, 49, 35) }
```

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

```
.border{ border-color:rgb(172, 49, 35) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 49, 35)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 49, 35); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 49, 35);  
box-shadow:4px 4px 4px 4px rgb(172, 49,  
35) }
```


Background

The CSS property to change the background color of an element to Yxy 11.0886, 0.5708, 0.3437 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 49, 35) }
```

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

```
.background{ background-color: rgb(172, 49,  
35) }
```

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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