

Converting Colors

$Y_{xy}(14.1713, 0.5292, 0.3820)$

Have a look what the booklet for
Yxy(14.1713, 0.5292, 0.3820)
contains.

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Color

Yxy(14.1162, 0.5298, 0.3815)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | AA4E23 |
| RGB | 170, 78, 35 |
| RGB Percent | 67%, 31%, 14% |
| CMY | 0.3334, 0.6941, 0.8627 |
| CMYK | 0.00, 0.54, 0.79, 0.33 |
| HSL | 19°, 66%, 40% |
| HSV | 19°, 79%, 67% |
| XYZ | 19.6036, 14.1162, 3.2821 |
| YIQ | 100.6060, 68.6350, 6.1310 |

Conversions

Conversions Part 2

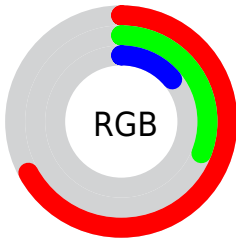
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 170, 98, 35 |
| Decimal | 11161123 |
| CIE Lab | 44.40, 35.08, 41.89 |
| CIE LCh | 44, 54.639, 50.061 |
| Yxy | 14.1162, 0.5298, 0.3815 |
| Android (android.graphics.Color) | 4289351203 (0xFFAA4E23) |
| YUV | 100.6060, -32.3438, 60.8585 |
| Hunter-Lab | 37.5715, 27.3852, 21.1208 |

Details

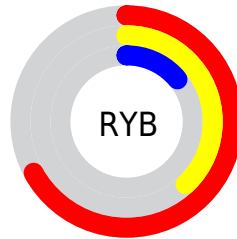
The Yxy color **14.1162, 0.5298, 0.3815** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **18.4330, 0.2079, 0.2467**, and the grayscale version is **12.9800, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.3140, 0.4811, 0.3783**, and **4.2753, 0.6003, 0.3616** is the 20% darker color. If you saturate the color by 10%, you get **12.5355, 0.5619, 0.3776**, and if you desaturate by 10%, it is **16.0373, 0.4944, 0.3809**.

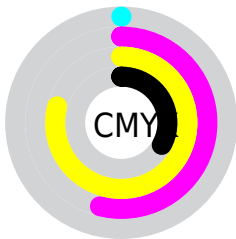
Distribution



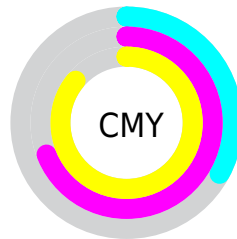
- Red (67%)
- Green (31%)
- Blue (14%)



- Red (67%)
- Yellow (38%)
- Blue (14%)



- Cyan (0%)
- Magenta (54%)
- Yellow (79%)
- Black (33%)





- Cyan (33%)
- Magenta (69%)
- Yellow (86%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.1162, 0.5298, 0.3815 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 14.1162, 0.5298, 0.3815 by changing the saturation by 10% instead.


 14.1162, 0.5298,
0.3815


 14.1162, 0.5298,
0.3815

217.9525, 0.4041,
0.3630


 8.2015, 0.5640,
0.3787


 33.2951, 0.4809,
0.3789


 4.2242, 0.6217,
0.3772

 47.3280, 0.4633,
0.3764


 1.7997, 0.6594,
0.3406

 64.8359, 0.4489,
0.3738

 0.4870, 0.7440,
0.2560

 86.2031, 0.4369,
0.3713

 0.0000, 1.0000,
0.0000

 111.8139, 0.4267,
0.3690

 0.0000, 0.0000,
0.0000

 142.0529, 0.4181,

0.3668

177.3043, 0.4106,
0.3648

14.1162, 0.5298,
0.3815

14.1162, 0.5298,
0.3815

12.5355, 0.5619,
0.3776

16.0373, 0.4944,
0.3809

11.2650, 0.5889,
0.3698

18.3168, 0.4590,
0.3767

11.1981, 0.5905,
0.3694

20.9740, 0.4257,
0.3700

24.0261, 0.3958,
0.3619

27.4889, 0.3696,
0.3533

■ 31.3775, 0.3471,
0.3447

■ 35.7062, 0.3280,
0.3364

■ 40.4885, 0.3118,
0.3286

■ 45.7374, 0.2981,
0.3213

Harmonies

Analogous

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



14.1162, 0.5047, 0.3095



14.1162, 0.5298, 0.3815



14.1162, 0.4850, 0.4586

Triad

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



14.1162, 0.5298, 0.3815



14.1162, 0.2069, 0.4360



14.1162, 0.2021, 0.1726

Complementary

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



14.1162, 0.5298, 0.3815



18.4330, 0.2079, 0.2467

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.



14.1162, 0.1506, 0.1770



14.1162, 0.5298, 0.3815



14.1162, 0.1499, 0.3048

Square

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



14.1162, 0.5298, 0.3815



14.1162, 0.2988, 0.5322



14.1162, 0.1333, 0.2165



14.1162, 0.2923, 0.1965

Rectangle

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



14.1162, 0.5298, 0.3815



14.1162, 0.4307, 0.5069



14.1162, 0.1333, 0.2165



14.1162, 0.1808, 0.1707

Sweetspot

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



14.1170, 0.5298, 0.3815



53.2928, 0.3580, 0.3490



11.2859, 0.3926, 0.2108



11.3493, 0.3660, 0.3520



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.



14.1170, 0.5298, 0.3815



21.0138, 0.5816, 0.3717



28.9908, 0.4376, 0.4692



7.9180, 0.3278, 0.3363



8.3295, 0.5885, 0.3709



0.2941, 0.5256, 0.4209

Inverse Universe

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



18.4330, 0.2079, 0.2467



28.6802, 0.1968, 0.2260



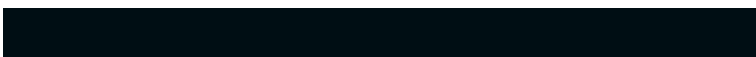
6.4653, 0.1743, 0.1180



8.1229, 0.2987, 0.3216



11.3989, 0.1954, 0.2234



0.3633, 0.2062, 0.2624

Previews

White Background



This preview shows how the Yxy color 14.1162, 0.5298, 0.3815 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 14.1162, 0.5298, 0.3815 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

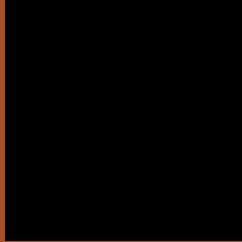
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 14.1162, 0.5298, 0.3815

Background



This preview shows how black text looks on a background with the Yxy color 14.1162, 0.5298, 0.3815.



This preview shows how white text looks on a background with the Yxy color 14.1162, 0.5298, 0.3815.

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

14.1162, 0.5298, 0.3815

Protanopia

14.3340, 0.4113, 0.4513

Deuteranopia

14.1847, 0.4555, 0.4475



Tritanopia

14.0858, 0.4754, 0.3224

Trichromacy



Original Color

14.1162, 0.5298, 0.3815

Protanomaly

13.8373, 0.4563, 0.4243

Deuteranomaly

13.8642, 0.4838, 0.4211

Tritanomaly

14.0379, 0.4992, 0.3473

Monochromacy



Original Color

14.1162, 0.5298, 0.3815

Achromatopsia

13.0136, 0.3127, 0.3290

Achromatomaly

12.8001, 0.3913, 0.3614

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.1162, 0.5298, 0.3815 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(170, 78, 35)` looks like.

```
.text, #text, p{  
    color:rgb(170, 78, 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(170, 78, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 78, 35) }
```

Border

The CSS property to change the border of an element to Yxy 14.1162, 0.5298, 0.3815 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(170, 78, 35) }
```

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

```
.border{ border-color:rgb(170, 78, 35) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 78, 35)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 78, 35); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 78, 35);  
box-shadow:4px 4px 4px 4px rgb(170, 78,  
35) }
```


Background

The CSS property to change the background color of an element to Yxy 14.1162, 0.5298, 0.3815 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 78, 35) }
```

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

```
.background{ background-color: rgb(170, 78,  
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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