

Converting Colors

$Y_{xy}(14.5196, 0.6232, 0.3333)$

Have a look what the booklet for
Yxy(14.5196, 0.6232, 0.3333)
contains.

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Color

Yxy(14.4809, 0.6228, 0.3334)

Conversions

Conversions Part 1

Format	Color
Hex	D21A11
RGB	210, 26, 17
RGB Percent	82%, 10%, 7%
CMY	0.1764, 0.8981, 0.9331
CMYK	0.00, 0.88, 0.92, 0.18
HSL	3°, 85%, 45%
HSV	3°, 92%, 82%
XYZ	27.0507, 14.4809, 1.9024
YIQ	79.9900, 112.5530, 36.2090

Conversions

Conversions Part 2

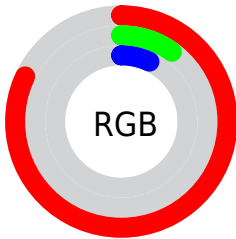
Format	Color
RYB	210, 26, 17
Decimal	13769233
CIELab	44.91, 66.33, 53.13
CIELCh	45, 84.981, 38.696
Yxy	14.4809, 0.6228, 0.3334
Android (android.graphics.Color)	4291959313 (0xFFD21A11)
YUV	79.9900, -31.0541, 114.0188
Hunter-Lab	38.0538, 60.2934, 23.6736

Details

The Yxy color **14.4809, 0.6228, 0.3334** is a dark color, and the websafe version is hex **CC0000**. The color can be described as dark washed red. A complement of this color would be **46.5820, 0.2220, 0.3156**, and the grayscale version is **8.0666, 0.3127, 0.3290**.

A 20% lighter version of the original color is **29.8378, 0.5473, 0.3526**, and **6.0197, 0.6401, 0.3300** is the 20% darker color. If you saturate the color by 10%, you get **13.9135, 0.6372, 0.3322**, and if you desaturate by 10%, it is **15.7989, 0.5922, 0.3352**.

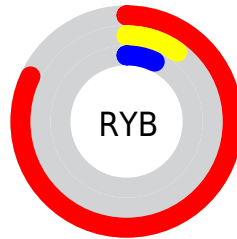
Distribution



Red (82%)

Green (10%)

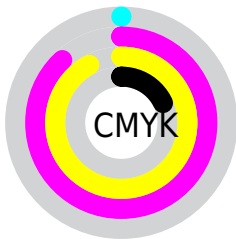
Blue (7%)



Red (82%)

Yellow (10%)

Blue (7%)

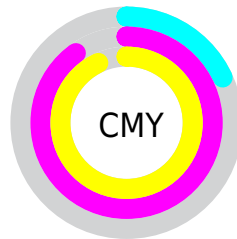


Cyan (0%)

Magenta (88%)

Yellow (92%)

Black (18%)



Cyan (18%)


Magenta (90%)


Yellow (93%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.4809, 0.6228, 0.3334 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 14.4809, 0.6228, 0.3334 by changing the saturation by 10% instead.


 14.4809, 0.6228,
0.3334


 14.4809, 0.6228,
0.3334


220.2024, 0.4509,
0.3545


 8.4559, 0.6648,
0.3167


 33.9399, 0.5601,
0.3495


 4.3880, 0.7124,
0.2876

 48.1427, 0.5361,
0.3529

 1.8929, 0.7615,
0.2385

 65.8402, 0.5159,
0.3546

 0.5441, 0.8426,
0.1574

 87.4168, 0.4988,
0.3554

 0.0000, 1.0000,
0.0000


 113.2570, 0.4842,
0.3556


 0.0000, 0.0000,
0.0000


 143.7450, 0.4715,


0.3555


 179.2653, 0.4605,
0.3551


 14.4809, 0.6228,
0.3334


 14.4809, 0.6228,
0.3334


 13.9135, 0.6372,
0.3322

 15.7989, 0.5922,
0.3352

 17.9217, 0.5501,
0.3362

 20.9515, 0.5034,
0.3362

 24.9745, 0.4581,
0.3356

 30.0669, 0.4180,
0.3344

■ 36.2976, 0.3841,
0.3331

■ 43.7297, 0.3563,
0.3318

■ 52.4214, 0.3338,
0.3304

■ 62.4276, 0.3157,
0.3292

Harmonies

Analogous

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



14.4809, 0.5573, 0.2550



14.4809, 0.6228, 0.3334



14.4809, 0.5702, 0.4298

Triad

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



14.4809, 0.6228, 0.3334



14.4809, 0.1897, 0.5858



14.4809, 0.1299, 0.1184

Complementary

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



14.4809, 0.6228, 0.3334



46.5820, 0.2220, 0.3156

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.



14.4809, 0.0868, 0.1329



14.4809, 0.6228, 0.3334



14.4809, 0.1053, 0.3523

Square

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



14.4809, 0.6228, 0.3334



14.4809, 0.3140, 0.6510



14.4809, 0.0776, 0.1955



14.4809, 0.2238, 0.1355

Rectangle

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



14.4809, 0.6228, 0.3334



14.4809, 0.4928, 0.5072



14.4809, 0.0776, 0.1955



14.4809, 0.1110, 0.1194

Sweetspot

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



14.4818, 0.6228, 0.3334



60.2041, 0.3735, 0.3326



18.4447, 0.3286, 0.1611



11.8735, 0.3866, 0.3332



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



14.4818, 0.6228, 0.3334



21.5182, 0.6378, 0.3318



27.1684, 0.5171, 0.4207



11.8947, 0.3289, 0.3301



8.5269, 0.6363, 0.3329



0.5083, 0.6244, 0.3424

Inverse Universe

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



46.5820, 0.2220, 0.3156



71.4398, 0.2206, 0.3142



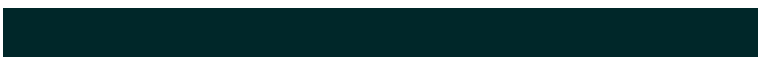
15.3106, 0.1795, 0.1604



13.3093, 0.2983, 0.3279



28.1574, 0.2207, 0.3146



1.6039, 0.2215, 0.3174

Previews

White Background



This preview shows how the Yxy color 14.4809, 0.6228, 0.3334 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 14.4809, 0.6228, 0.3334 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 14.4809, 0.6228, 0.3334

Background



This preview shows how black text looks on a background with the Yxy color 14.4809, 0.6228, 0.3334.



This preview shows how white text looks on a background with the Yxy color 14.4809, 0.6228, 0.3334.

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

14.4809, 0.6228, 0.3334

Protanopia

14.8395, 0.4191, 0.4638

Deuteranopia

14.7370, 0.4702, 0.4649



Tritanopia

14.4946, 0.6204, 0.3320

Trichromacy



Original Color

14.4809, 0.6228, 0.3334

Protanomaly

12.3049, 0.5184, 0.3969

Deuteranomaly

12.6972, 0.5499, 0.3970

Tritanomaly

14.4909, 0.6210, 0.3324

Monochromacy



Original Color

14.4809, 0.6228, 0.3334

Achromatopsia

8.0220, 0.3127, 0.3290

Achromatomaly

8.0392, 0.4631, 0.3352

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.4809, 0.6228, 0.3334 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(210, 26, 17)` looks like.

```
.text, #text, p{  
    color:rgb(210, 26, 17)  
}
```

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(210, 26, 17) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 26, 17) }
```

Border

The CSS property to change the border of an element to Yxy 14.4809, 0.6228, 0.3334 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(210, 26, 17) }
```

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

```
.border{ border-color:rgb(210, 26, 17) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 26, 17)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 26, 17); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 26, 17);  
box-shadow:4px 4px 4px 4px rgb(210, 26,  
17) }
```


Background

The CSS property to change the background color of an element to Yxy 14.4809, 0.6228, 0.3334 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 26, 17) }
```

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

```
.background{ background-color: rgb(210, 26,  
17) }
```

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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