

Converting Colors

YUV(84.4030, -14.0027,
104.8866)

Have a look what the booklet for
YUV(84.4030, -14.0027, 104.8866)
contains.

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Color

**YUV(84.4030, -14.0027,
104.8866)**

Conversions

Conversions Part 1

Format	Color
Hex	CC1D38
RGB	204, 29, 56
RGB Percent	80%, 11%, 22%
CMY	0.2000, 0.8863, 0.7804
CMYK	0.00, 0.86, 0.73, 0.20
HSL	351°, 75%, 46%
HSV	351°, 86%, 80%
XYZ	26.0550, 14.0016, 5.0707
YIQ	84.4030, 95.6330, 45.4970

Conversions

Conversions Part 2

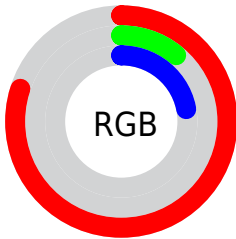
Format	Color
RYB	204, 29, 56
Decimal	13376824
CIELab	44.24, 65.17, 31.90
CIELCh	44, 72.557, 26.080
Yxy	14.0016, 0.5774, 0.3103
Android (android.graphics.Color)	4291566904 (0xFFCC1D38)
YUV	84.4030, -14.0027, 104.8866
Hunter-Lab	37.4187, 58.8084, 18.1586

Details

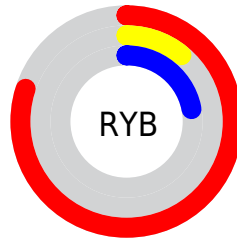
The YUV color **84.4030, -14.0027, 104.8866** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **148.5970, 14.0027, -104.8866**, and the grayscale version is **84.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **144.3390, -20.3801, 97.0497**, and **43.7550, -14.6692, 85.2839** is the 20% darker color. If you saturate the color by 10%, you get **70.7250, -15.6404, 116.8822**, and if you desaturate by 10%, it is **98.0810, -12.3649, 92.8910**.

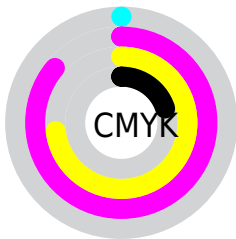
Distribution



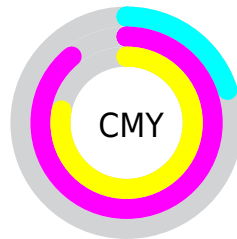
- Red (80%)
- Green (11%)
- Blue (22%)



- Red (80%)
- Yellow (11%)
- Blue (22%)



- Cyan (0%)
- Magenta (86%)
- Yellow (73%)
- Black (20%)





- Cyan (20%)
- Magenta (89%)
- Yellow (78%)

Brightness & Saturation Gradients


These gradients show how the YUV color 84.4030, -14.0027, 104.8866 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 YUV color 84.4030, -14.0027, 104.8866 by changing the saturation by 10% instead.


 84.4030, -14.0027,
104.8866


 84.4030, -14.0027,
104.8866


255.0000, 0.0000,
0.0000


 55.4180, -10.0661,
102.2424


 144.3390,
-20.3801, 97.0497


 43.7550, -14.6692,
85.2839


 164.2120,
-17.8525, 79.6211


 32.8900, -16.2148,
67.6255

 183.6120,
-14.5987, 62.6073

 24.1480, -10.9190,
48.9822

 203.7130,
-11.1975, 44.9787

 15.1780, -6.4968,
30.5389

 224.4010, -8.0857,
26.8353

 0.0000, 0.0000,
0.0000

 244.7300, -3.8109,

■ 84.4030, -14.0027,
104.8866

■ 84.4030, -14.0027,
104.8866

■ 70.7250, -15.6404,
116.8822

■ 98.0810, -12.3649,
92.8910

■ 64.5300, -16.5303,
122.3152

■ 112.4600,
-10.5798, 80.2806

■ 126.1380, -8.9420,
68.2850

■ 140.4030, -7.5937,
55.7746

■ 154.0810, -5.9559,
43.7790

■ 167.8730, -3.8814,
31.6834

■ 182.1380, -2.5330,
19.1730

■ 195.8160, -0.8953,
7.1774

■ 210.0810, 0.4531,
-5.3330

Harmonies

Analogous

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



74.3940, 20.0188, 112.7875



84.4030, -14.0027, 104.8866



95.4860, -47.0746, 72.3648

Triad

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



84.4030, -14.0027, 104.8866



76.5670, -23.9435, -67.1493



93.3830, 65.8732, -81.8969

Complementary

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



84.4030, -14.0027, 104.8866



148.5970, 14.0027, -104.8866

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.



97.3320, 53.0803, -85.3602



84.4030, -14.0027, 104.8866



86.5530, 4.1644, -75.9070

Square

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



84.4030, -14.0027, 104.8866



90.8160, -44.7723, -12.9936



94.0940, 30.5197, -82.5204



100.6400, 56.3795, -23.3633

Rectangle

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



84.4030, -14.0027, 104.8866



98.8540, -48.7350, 44.8550



94.0940, 30.5197, -82.5204



95.8620, 62.6790, -84.0710

Sweetspot

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



84.4030, -14.0027, 104.8866



209.8740, -5.3609, 39.5755



92.6040, 54.9182, 72.2613



100.6440, -3.2755, 23.9912



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



84.4030, -14.0027, 104.8866



80.6910, -20.5537, 152.8690



115.3710, -42.5809, 77.7276



95.1040, -1.0373, 6.0478



52.5980, -13.1128, 99.4536



12.0460, -2.9807, 22.7617

Inverse Universe

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



84.4030, -14.0027, 104.8866



80.6910, -20.5537, 152.8690



117.6290, 42.5809, -77.7276



95.1040, -1.0373, 6.0478



52.5980, -13.1128, 99.4536



12.0460, -2.9807, 22.7617

Previews

White Background



This preview shows how the YUV color 84.4030, -14.0027, 104.8866 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 YUV color 84.4030, -14.0027, 104.8866 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](#).

YUV 84.4030, -14.0027, 104.8866

Background



This preview shows how black text looks on a background with the YUV color 84.4030, -14.0027, 104.8866.

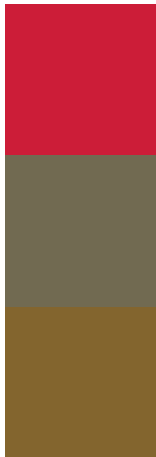


This preview shows how white text looks on a background with the YUV color 84.4030, -14.0027,

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

84.4030, -14.0027, 104.8866

Protanopia

105.2430, -11.9518, 6.8029

Deuteranopia

103.7000, -28.4461, 23.9421



Tritanopia

84.4170, -25.3486, 103.9973

Trichromacy



Original Color

84.4030, -14.0027, 104.8866

Protanomaly

97.6480, -12.6445, 42.4047

Deuteranomaly

96.9670, -23.1547, 53.5259

Tritanomaly

84.1550, -21.2754, 104.2271

Monochromacy



Original Color

84.4030, -14.0027, 104.8866

Achromatopsia

84.0000, 0.0000, 0.0000

Achromatomaly

84.2760, -5.0661, 38.3459

CSS Examples

Text

The CSS property to change the color of the text to YUV 84.4030, -14.0027, 104.8866 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(204, 29, 56)` looks like.

```
.text, #text, p{  
    color:rgb(204, 29, 56)  
}
```

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(204, 29, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 29, 56) }
```

Border

The CSS property to change the border of an element to YUV 84.4030, -14.0027, 104.8866 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(204, 29, 56) }
```


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

```
.border{ border-color:rgb(204, 29, 56) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 29, 56)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 29, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 29, 56);  
box-shadow:4px 4px 4px 4px rgb(204, 29,  
56) }
```

Background

The CSS property to change the background color of an element to YUV 84.4030, -14.0027, 104.8866 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 29, 56) }
```

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

```
.background{ background-color: rgb(204, 29,  
56) }
```

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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