

Converting Colors

YUV(71.8100, -14.6963,
94.0056)

Have a look what the booklet for
YUV(71.8100, -14.6963, 94.0056)
contains.

YUV(71.8100, -14.6963, 94.0056)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(71.8100, -14.6963,
94.0056)**

Conversions

Conversions Part 1

Format	Color
Hex	B3172A
RGB	179, 23, 42
RGB Percent	70%, 9%, 16%
CMY	0.2980, 0.9098, 0.8353
CMYK	0.00, 0.87, 0.77, 0.30
HSL	353°, 77%, 40%
HSV	353°, 87%, 70%
XYZ	19.3147, 10.3637, 3.1729
YIQ	71.8100, 86.8770, 38.9810

Conversions

Conversions Part 2

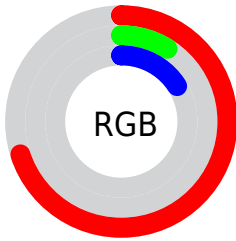
Format	Color
R _Y B	179, 23, 42
Decimal	11736874
CIE Lab	38.49, 59.10, 32.40
CIE LCh	38, 67.398, 28.732
Yxy	10.3637, 0.5879, 0.3155
Android (android.graphics.Color)	4289926954 (0xFFB3172A)
YUV	71.8100, -14.6963, 94.0056
Hunter-Lab	32.1926, 50.7581, 16.6913

Details

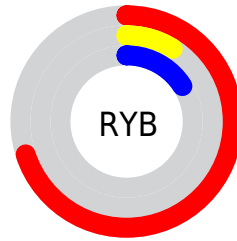
The YUV color **71.8100, -14.6963, 94.0056** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **130.1900, 14.6963, -94.0056**, and the grayscale version is **72.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **134.0460, -22.7007, 94.6757**, and **35.2820, -17.3940, 72.5437** is the 20% darker color. If you saturate the color by 10%, you get **59.4200, -16.4761, 104.8717**, and if you desaturate by 10%, it is **84.2000, -12.9166, 83.1396**.

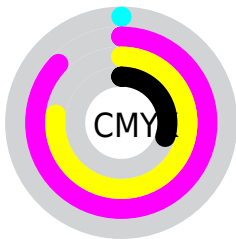
Distribution



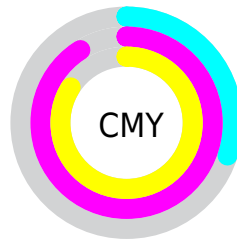
- Red (70%)
- Green (9%)
- Blue (16%)



- Red (70%)
- Yellow (9%)
- Blue (16%)



- Cyan (0%)
- Magenta (87%)
- Yellow (77%)
- Black (30%)





- Cyan (30%)
- Magenta (91%)
- Yellow (84%)

Brightness & Saturation Gradients


These gradients show how the YUV color 71.8100, -14.6963, 94.0056 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 71.8100, -14.6963, 94.0056 by changing the saturation by 10% instead.


 71.8100, -14.6963,
94.0056


 71.8100, -14.6963,
94.0056


255.0000, 0.0000,
0.0000


 46.6460, -12.6435,
88.8875


 134.0460,
-22.7007, 94.6757


 35.2820, -17.3940,
72.5437


 157.1050,
-22.2368, 85.8539


 26.0130, -12.8244,
53.4856

 176.5050,
-18.9830, 68.8401

 17.9830, -7.3866,
35.9719

 195.9050,
-15.7292, 51.8263

 6.2790, -3.0955,
12.9103

 216.0060,
-12.3280, 34.1977

 0.0000, 0.0000,
0.0000

 236.8080, -8.7793,

15.9544

254.0880, -3.4944,
0.7998

71.8100, -14.6963,
94.0056

71.8100, -14.6963,
94.0056

59.4200, -16.4761,
104.8717

84.2000, -12.9166,
83.1396

56.0290, -16.7763,
107.8456

96.4760, -11.5737,
72.3735

108.8660, -9.7939,
61.5075

121.2560, -8.0142,
50.6415

133.6460, -6.2345,
39.7755

■ 145.3350, -4.6022,
29.5242

■ 157.7250, -2.8224,
18.6582

■ 170.1150, -1.0427,
7.7921

■ 182.3910, 0.3002,
-2.9739

Harmonies

Analogous

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



64.9490, 14.8151, 101.7767



71.8100, -14.6963, 94.0056



83.0270, -40.9323, 62.2433

Triad

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



71.8100, -14.6963, 94.0056



67.6480, -20.0395, -59.3273



81.1410, 59.5835, -71.1607

Complementary

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



71.8100, -14.6963, 94.0056



130.1900, 14.6963, -94.0056

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.



85.6600, 48.9746, -75.1238



71.8100, -14.6963, 94.0056



76.2490, 5.3002, -66.8704

Square

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



71.8100, -14.6963, 94.0056



77.2160, -38.0675, -16.8524



82.5190, 29.3241, -72.3692



88.7570, 48.9268, -12.9419

Rectangle

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



71.8100, -14.6963, 94.0056



85.8190, -42.3088, 36.9927



82.5190, 29.3241, -72.3692



83.7340, 56.8261, -73.4347

Sweetspot

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



71.8100, -14.6963, 94.0056



190.7380, -5.7868, 36.1868



81.1490, 48.2405, 67.3983



92.2200, -3.5595, 21.7321



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



71.8100, -14.6963, 94.0056



72.5600, -21.9681, 139.8289



103.1030, -39.4908, 66.5617



82.8050, -0.8899, 5.4330



47.9130, -14.2541, 92.1613



8.1160, -2.5222, 15.6843

Inverse Universe

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



71.8100, -14.6963, 94.0056



72.5600, -21.9681, 139.8289



98.8970, 39.4908, -66.5617



82.8050, -0.8899, 5.4330



47.9130, -14.2541, 92.1613



8.1160, -2.5222, 15.6843

Previews

White Background



This preview shows how the YUV color 71.8100, -14.6963, 94.0056 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 71.8100, -14.6963, 94.0056 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 71.8100, -14.6963, 94.0056

Background



This preview shows how black text looks on a background with the YUV color 71.8100, -14.6963, 94.0056.



This preview shows how white text looks on a background with the YUV color 71.8100, -14.6963,

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

71.8100, -14.6963, 94.0056

Protanopia

90.9720, -14.2832, 7.9176

Deuteranopia

89.5750, -28.8775, 22.2977



Tritanopia

72.2200, -23.2795, 93.6461

Trichromacy



Original Color

71.8100, -14.6963, 94.0056

Protanomaly

84.1700, -14.3808, 39.3159

Deuteranomaly

82.8200, -23.5753, 48.3929

Tritanomaly

72.3170, -20.3693, 93.5610

Monochromacy



Original Color

71.8100, -14.6963, 94.0056

Achromatopsia

72.0000, 0.0000, 0.0000

Achromatomaly

71.8410, -5.3446, 34.3424

CSS Examples

Text

The CSS property to change the color of the text to YUV 71.8100, -14.6963, 94.0056 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(179, 23, 42)` looks like.

```
.text, #text, p{  
    color:rgb(179, 23, 42)  
}
```

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(179, 23, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 23, 42) }
```

Border

The CSS property to change the border of an element to YUV 71.8100, -14.6963, 94.0056 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(179, 23, 42) }
```


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

```
.border{ border-color:rgb(179, 23, 42) }
```

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

Here you see how a box with a 4 pixel rgb(179, 23, 42) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 23, 42); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 23, 42);  
box-shadow:4px 4px 4px 4px rgb(179, 23,  
42) }
```

Background

The CSS property to change the background color of an element to YUV 71.8100, -14.6963, 94.0056 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 23, 42) }
```

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

```
.background{ background-color: rgb(179, 23,  
42) }
```

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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