

Converting Colors

YUV(71.2250, -13.9149,
123.4597)

Have a look what the booklet for
YUV(71.2250, -13.9149, 123.4597)
contains.

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Color

**YUV(71.2250, -13.9149,
123.4597)**

Conversions

Conversions Part 1

Format	Color
Hex	D4052B
RGB	212, 5, 43
RGB Percent	83%, 2%, 17%
CMY	0.1686, 0.9804, 0.8314
CMYK	0.00, 0.98, 0.80, 0.17
HSL	349°, 95%, 43%
HSV	349°, 98%, 83%
XYZ	27.6417, 14.2800, 3.5849
YIQ	71.2250, 111.1740, 55.7020

Conversions

Conversions Part 2

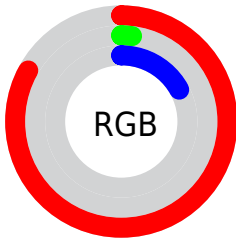
Format	Color
RYB	212, 5, 43
Decimal	13894955
CIELab	44.63, 69.92, 40.44
CIElCh	45, 80.773, 30.040
Yxy	14.2800, 0.6074, 0.3138
Android (android.graphics.Color)	4292085035 (0xFFD4052B)
YUV	71.2250, -13.9149, 123.4597
Hunter-Lab	37.7889, 64.4380, 20.8275

Details

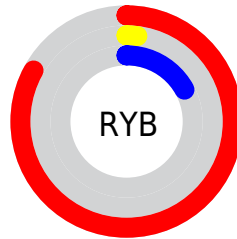
The YUV color **71.2250, -13.9149, 123.4597** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **145.7750, 13.9149, -123.4597**, and the grayscale version is **71.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **138.6340, -24.4696, 102.0530**, and **44.2520, -21.8162, 90.9870** is the 20% darker color. If you saturate the color by 10%, you get **67.8340, -14.2152, 126.4336**, and if you desaturate by 10%, it is **85.4900, -12.5666, 110.9493**.

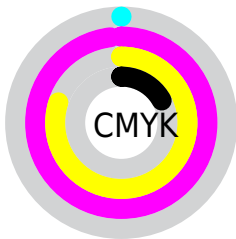
Distribution



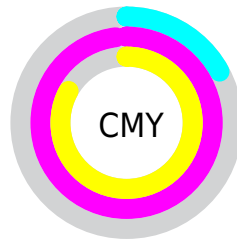
- Red (83%)
- Green (2%)
- Blue (17%)



- Red (83%)
- Yellow (2%)
- Blue (17%)



- Cyan (0%)
- Magenta (98%)
- Yellow (80%)
- Black (17%)



- Cyan (17%)
- Magenta (98%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the YUV color 71.2250, -13.9149, 123.4597 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 71.2250, -13.9149, 123.4597 by changing the saturation by 10% instead.

■ 71.2250, -13.9149,
123.4597

■ 71.2250, -13.9149,
123.4597

255.0000, 0.0000,
0.0000

■ 56.3280, -16.9237,
108.4603

■ 138.6340,
-24.4696, 102.0530

■ 44.2520, -21.8162,
90.9870

■ 159.0940,
-22.2313, 84.1096

■ 34.6840, -17.0992,
71.3141

■ 178.9670,
-19.7037, 66.6809

■ 25.6430, -11.6560,
52.0561

■ 199.0680,
-16.3025, 49.0524

■ 16.6730, -7.2338,
33.6128

■ 219.7560,
-13.1907, 30.9090

■ 2.9900, -1.4741,
6.1478

■ 240.5580, -9.6421,

■ 0.0000, 0.0000,

12.6656

0.0000

254.4300, -2.1840,
0.4999

■ 71.2250, -13.9149,
123.4597

■ 71.2250, -13.9149,
123.4597

■ 67.8340, -14.2152,
126.4336

■ 85.4900, -12.5666,
110.9493

■ 99.8690, -10.7814,
98.3389

■ 114.7210, -9.7225,
85.3137

■ 128.9860, -8.3741,
72.8033

■ 143.3650, -6.5889,
60.1929

■ 157.6300, -5.2406,
47.6825

■ 171.8950, -3.8922,
35.1721

■ 186.7470, -2.8333,
22.1469

■ 201.1260, -1.0481,
9.5365

Harmonies

Analogous

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



77.0100, 15.7711, 121.8942



71.2250, -13.9149, 123.4597



96.6710, -47.6588, 73.0795

Triad

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



71.2250, -13.9149, 123.4597



78.9150, -25.1011, -69.2085



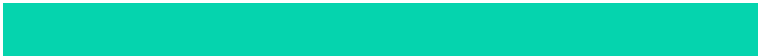
95.2070, 72.8619, -83.4965

Complementary

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



71.2250, -13.9149, 123.4597



145.7750, 13.9149, -123.4597

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.



101.1450, 60.0745, -88.7042



71.2250, -13.9149, 123.4597



89.3400, 7.2274, -78.3512

Square

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



71.2250, -13.9149, 123.4597



88.0810, -43.4239, -25.5040



97.6790, 36.6403, -85.6645



102.9170, 59.6939, -13.0822

Rectangle

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



71.2250, -13.9149, 123.4597



100.0170, -49.3084, 42.0811



97.6790, 36.6403, -85.6645



98.3870, 69.8152, -86.2854

Sweetspot

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



71.2250, -13.9149, 123.4597



204.7220, -4.7929, 44.0938



78.2320, 65.9476, 81.3575



97.3670, -3.1389, 26.8651



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.



71.2250, -13.9149, 123.4597



81.6030, -17.0593, 152.0692



103.2870, -48.4555, 95.3413



99.5170, -0.7479, 6.5626



54.6630, -11.6659, 102.0275



13.7690, -2.8441, 25.6356

Inverse Universe

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



71.2250, -13.9149, 123.4597



81.6030, -17.0593, 152.0692



113.7130, 48.4555, -95.3413



99.5170, -0.7479, 6.5626



54.6630, -11.6659, 102.0275



13.7690, -2.8441, 25.6356

Previews

White Background



This preview shows how the YUV color 71.2250, -13.9149, 123.4597 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 71.2250, -13.9149, 123.4597 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 71.2250, -13.9149, 123.4597

Background



This preview shows how black text looks on a background with the YUV color 71.2250, -13.9149, 123.4597.



This preview shows how white text looks on a background with the YUV color 71.2250, -13.9149,

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

71.2250, -13.9149, 123.4597

Protanopia

105.3160, -19.3828, 10.2469

Deuteranopia

103.4310, -37.1875, 27.6860



Tritanopia

74.8830, -35.4383, 120.2516

Trichromacy



Original Color

71.2250, -13.9149, 123.4597

Protanomaly

93.1500, -17.3289, 51.6115

Deuteranomaly

91.8280, -29.0022, 62.4178

Tritanomaly

73.6580, -27.4394, 121.3259

Monochromacy



Original Color

71.2250, -13.9149, 123.4597

Achromatopsia

71.0000, 0.0000, 0.0000

Achromatomaly

71.0210, -4.9404, 44.7086

CSS Examples

Text

The CSS property to change the color of the text to YUV 71.2250, -13.9149, 123.4597 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(212, 5, 43)` looks like.

```
.text, #text, p{  
    color:rgb(212, 5, 43)  
}
```

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(212, 5, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 5, 43) }
```

Border

The CSS property to change the border of an element to YUV 71.2250, -13.9149, 123.4597 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(212, 5, 43) }
```


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

```
.border{ border-color:rgb(212, 5, 43) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 5, 43)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 5, 43); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 5, 43);  
box-shadow:4px 4px 4px 4px rgb(212, 5, 43)  
}
```

Background

The CSS property to change the background color of an element to YUV 71.2250, -13.9149, 123.4597 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 5, 43) }
```

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

```
.background{ background-color: rgb(212, 5,  
43) }
```

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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