

Converting Colors

YUV(73.5430, -26.3967,
113.5338)

Have a look what the booklet for
YUV(73.5430, -26.3967, 113.5338)
contains.

YUV(73.5430, -26.3967, 113.5338)	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(73.5430, -26.3967,
113.5338)**

Conversions

Conversions Part 1

Format	Color
Hex	CB1214
RGB	203, 18, 20
RGB Percent	80%, 7%, 8%
CMY	0.2039, 0.9294, 0.9216
CMYK	0.00, 0.91, 0.90, 0.20
HSL	359°, 84%, 43%
HSV	359°, 91%, 80%
XYZ	24.9712, 13.1796, 1.8896
YIQ	73.5430, 109.6180, 39.8420

Conversions

Conversions Part 2

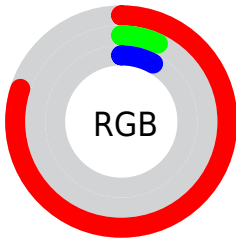
Format	Color
RYB	203, 18, 20
Decimal	13308436
CIELab	43.03, 65.78, 50.00
CIElCh	43, 82.629, 37.237
Yxy	13.1796, 0.6236, 0.3292
Android (android.graphics.Color)	4291498516 (0xFFCB1214)
YUV	73.5430, -26.3967, 113.5338
Hunter-Lab	36.3038, 59.2478, 22.3266

Details

The YUV color **73.5430, -26.3967, 113.5338** 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 **147.4570, 26.3967, -113.5338**, and the grayscale version is **74.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **136.7130, -34.3685, 103.7377**, and **41.5610, -20.4896, 85.4540** is the 20% darker color. If you saturate the color by 10%, you get **60.9250, -29.0500, 124.5998**, and if you desaturate by 10%, it is **87.5630, -23.4486, 101.2382**.

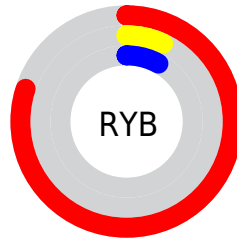
Distribution



Red (80%)

Green (7%)

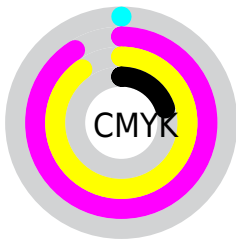
Blue (8%)



Red (80%)

Yellow (7%)

Blue (8%)

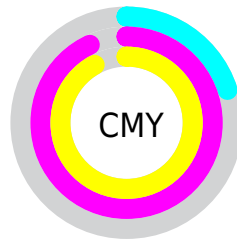


Cyan (0%)

Magenta (91%)

Yellow (90%)

Black (20%)



Cyan (20%)

Magenta (93%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the YUV color 73.5430, -26.3967, 113.5338 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 73.5430, -26.3967, 113.5338 by changing the saturation by 10% instead.

■ 73.5430, -26.3967,
113.5338

■ 73.5430, -26.3967,
113.5338

254.8860, -0.4368,
0.1000

■ 51.1290, -25.2066,
105.1269

■ 136.7130,
-34.3685, 103.7377

■ 41.5610, -20.4896,
85.4540

■ 156.4720,
-32.2777, 86.4091

■ 31.9930, -15.7725,
65.7811

■ 176.4590,
-29.3133, 68.8805

■ 23.2510, -10.4767,
47.1379

■ 196.4460,
-26.3489, 51.3519


■ 14.2810, -6.0545,
28.6946


■ 216.5470,
-22.9477, 33.7233


■ 0.0000, 0.0000,
0.0000


■ 237.2350,


-19.8359, 15.5799


 251.5800,
-13.1039, 2.9993


 73.5430, -26.3967,
113.5338


 73.5430, -26.3967,
113.5338

 60.9250, -29.0500,
124.5998

 87.5630, -23.4486,
101.2382

 102.1700,
-20.7898, 88.4279

 116.1900,
-17.8417, 76.1324

 130.2100,
-14.8935, 63.8368

 144.8170,
-12.2348, 51.0265

■ 158.8370, -9.2866,
38.7310

■ 172.9710, -5.9017,
26.3354

■ 186.9910, -2.9536,
14.0399

■ 201.5980, -0.2948,
1.2296

Harmonies

Analogous

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



74.7300, 7.0351, 123.8938



73.5430, -26.3967, 113.5338



94.5340, -46.6053, 61.7987

Triad

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



73.5430, -26.3967, 113.5338



78.8640, -17.6810, -69.1637



89.5820, 74.1561, -78.5634

Complementary

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



73.5430, -26.3967, 113.5338



147.4570, 26.3967, -113.5338

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.



98.4210, 64.8684, -86.3152



73.5430, -26.3967, 113.5338



88.4740, 14.0633, -77.5917

Square

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



73.5430, -26.3967, 113.5338



74.6370, -36.7960, -51.4246



96.1120, 43.3288, -84.2902



101.8170, 54.8132, 12.4385

Rectangle

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



73.5430, -26.3967, 113.5338



95.8090, -47.2338, 29.9855



96.1120, 43.3288, -84.2902



94.3920, 72.2777, -82.7818

Sweetspot

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



73.5430, -26.3967, 113.5338



206.7450, -9.7343, 42.3196



93.5080, 53.9796, 93.3935



99.2590, -6.0437, 25.2059



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.



73.5430, -26.3967, 113.5338



76.5870, -36.2784, 156.4682



125.5580, -53.0261, 67.9166



94.9900, -1.4741, 6.1478



49.8620, -23.5960, 101.8530



11.3620, -5.6015, 23.3615

Inverse Universe

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



73.5430, -26.3967, 113.5338



76.5870, -36.2784, 156.4682



95.4420, 53.0261, -67.9166



94.9900, -1.4741, 6.1478



49.8620, -23.5960, 101.8530



11.3620, -5.6015, 23.3615

Previews

White Background



This preview shows how the YUV color 73.5430, -26.3967, 113.5338 looks on a white background.

Color Contrast Check

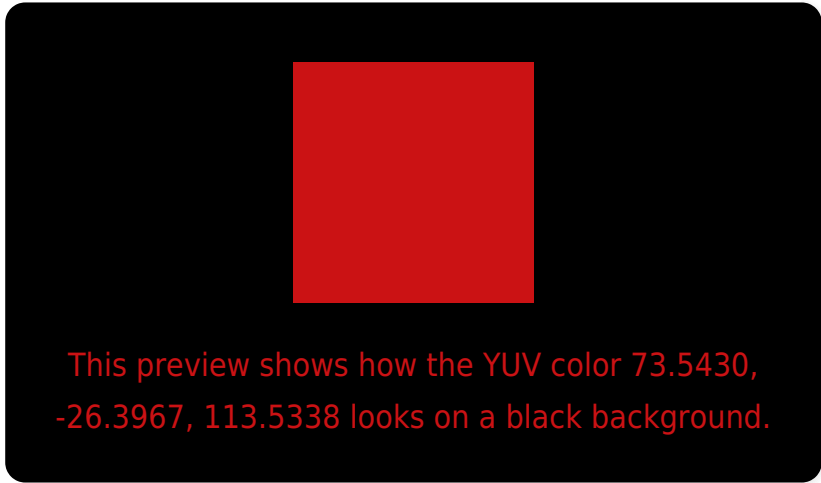
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



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 73.5430, -26.3967, 113.5338

Background



This preview shows how black text looks on a background with the YUV color 73.5430, -26.3967, 113.5338.



This preview shows how white text looks on a background with the YUV color 73.5430, -26.3967,

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

73.5430, -26.3967, 113.5338

Protanopia

99.0640, -30.5976, 13.9759

Deuteranopia

96.3960, -47.5232, 29.4707



Tritanopia

72.8760, -31.4909, 114.1187

Trichromacy



Original Color

73.5430, -26.3967, 113.5338

Protanomaly

89.7510, -28.9642, 50.2074

Deuteranomaly

88.2440, -40.0533, 60.2990

Tritanomaly

73.3320, -29.7437, 113.7188

Monochromacy



Original Color

73.5430, -26.3967, 113.5338

Achromatopsia

74.0000, 0.0000, 0.0000

Achromatomaly

74.0330, -9.8763, 41.1901

CSS Examples

Text

The CSS property to change the color of the text to YUV 73.5430, -26.3967, 113.5338 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(203, 18, 20)` looks like.

```
.text, #text, p{  
    color:rgb(203, 18, 20)  
}
```

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(203, 18, 20) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 18, 20) }
```

Border

The CSS property to change the border of an element to YUV 73.5430, -26.3967, 113.5338 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(203, 18, 20) }
```


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

```
.border{ border-color:rgb(203, 18, 20) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 18, 20)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 18, 20); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 18, 20);  
box-shadow:4px 4px 4px 4px rgb(203, 18,  
20) }
```

Background

The CSS property to change the background color of an element to YUV 73.5430, -26.3967, 113.5338 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 18, 20) }
```

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

```
.background{ background-color: rgb(203, 18,  
20) }
```

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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