

Converting Colors

YUV(71.5790, -20.9914,
106.4862)

Have a look what the booklet for
YUV(71.5790, -20.9914, 106.4862)
contains.

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Color

**YUV(71.5790, -20.9914,
106.4862)**

Conversions

Conversions Part 1

Format	Color
Hex	C1121D
RGB	193, 18, 29
RGB Percent	76%, 7%, 11%
CMY	0.2431, 0.9294, 0.8863
CMYK	0.00, 0.91, 0.85, 0.24
HSL	356°, 83%, 41%
HSV	356°, 91%, 76%
XYZ	22.4304, 11.8588, 2.2692
YIQ	71.5790, 100.7690, 40.5210

Conversions

Conversions Part 2

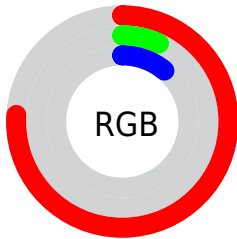
Format	Color
RYB	193, 18, 29
Decimal	12653085
CIELab	40.99, 63.33, 43.22
CIElCh	41, 76.677, 34.311
Yxy	11.8588, 0.6136, 0.3244
Android (android.graphics.Color)	4290843165 (0xFFC1121D)
YUV	71.5790, -20.9914, 106.4862
Hunter-Lab	34.4366, 56.0027, 20.1988

Details

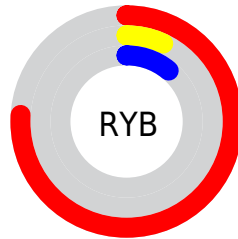
The YUV color **71.5790, -20.9914, 106.4862** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark washed red. A complement of this color would be **139.4210, 20.9914, -106.4862**, and the grayscale version is **72.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **136.4510, -30.2953, 103.9675**, and **38.8700, -19.1629, 79.9210** is the 20% darker color. If you saturate the color by 10%, you get **59.0750, -23.2080, 117.4522**, and if you desaturate by 10%, it is **84.7840, -18.6275, 94.9054**.

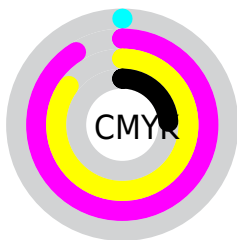
Distribution



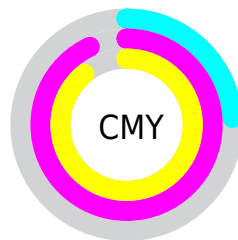
- Red (76%)
- Green (7%)
- Blue (11%)



- Red (76%)
- Yellow (7%)
- Blue (11%)



- Cyan (0%)
- Magenta (91%)
- Yellow (85%)
- Black (24%)



- Cyan (24%)
- Magenta (93%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YUV color 71.5790, -20.9914, 106.4862 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 71.5790, -20.9914, 106.4862 by changing the saturation by 10% instead.

■ 71.5790, -20.9914,
106.4862

■ 71.5790, -20.9914,
106.4862

255.0000, 0.0000,
0.0000

■ 48.8230, -21.1117,
98.3792

■ 136.4510,
-30.2953, 103.9675

■ 38.8700, -19.1629,
79.9210

■ 156.2100,
-28.2045, 86.6388

■ 29.6010, -14.5933,
60.8629

■ 176.0830,
-25.6769, 69.2102

■ 21.2720, -9.0081,
42.7345

■ 195.4830,
-22.4231, 52.1964


■ 11.4760, -5.1647,
23.2615


■ 215.5840,
-19.0219, 34.5678


■ 0.0000, 0.0000,
0.0000


■ 236.3860,


-15.4733, 16.3245


 252.4920, -9.6096,
2.1995


 71.5790, -20.9914,
106.4862


 71.5790, -20.9914,
106.4862

 59.0750, -23.2080,
117.4522

 84.7840, -18.6275,
94.9054

 98.5760, -16.5530,
82.8098

 111.7810,
-14.1890, 71.2291

 124.9860,
-11.8251, 59.6483

 138.7780, -9.7506,
47.5527

■ 152.0970, -6.9498,
35.8719

■ 165.3020, -4.5859,
24.2911

■ 178.5070, -2.2220,
12.7104

■ 192.2990, -0.1474,
0.6148

Harmonies

Analogous

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



70.7720, 9.9724, 115.0870



71.5790, -20.9914, 106.4862



89.5170, -44.1319, 61.8136

Triad

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



71.5790, -20.9914, 106.4862



73.9570, -18.7128, -64.8603



86.1110, 68.4723, -75.5193

Complementary

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



71.5790, -20.9914, 106.4862



139.4210, 20.9914, -106.4862

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.



92.7330, 58.3056, -81.3268



71.5790, -20.9914, 106.4862



83.4700, 10.1213, -73.2032

Square

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



71.5790, -20.9914, 106.4862



77.1060, -38.0133, -34.2960



90.6520, 37.6396, -79.5018



96.0670, 52.2250, 2.5722

Rectangle

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



71.5790, -20.9914, 106.4862



91.4010, -45.0607, 32.9743



90.6520, 37.6396, -79.5018



89.5190, 66.2991, -78.5082

Sweetspot

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



71.5790, -20.9914, 106.4862



202.9020, -7.8397, 41.3049



86.6870, 52.4123, 82.7125



97.1880, -5.0227, 24.3911



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



71.5790, -20.9914, 106.4862



76.5740, -29.8630, 152.0946



114.9370, -47.7899, 68.4613



90.1040, -1.0373, 6.0478



49.2790, -19.3645, 97.9793



10.0950, -3.9908, 20.0877

Inverse Universe

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



71.5790, -20.9914, 106.4862



76.5740, -29.8630, 152.0946



96.0630, 47.7899, -68.4613



90.1040, -1.0373, 6.0478



49.2790, -19.3645, 97.9793



10.0950, -3.9908, 20.0877

Previews

White Background



This preview shows how the YUV color 71.5790, -20.9914, 106.4862 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 71.5790, -20.9914, 106.4862

Background



This preview shows how black text looks on a background with the YUV color 71.5790, -20.9914, 106.4862.



This preview shows how white text looks on a background with the YUV color 71.5790, -20.9914,

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

71.5790, -20.9914, 106.4862

Protanopia

95.4750, -23.8982, 11.8614

Deuteranopia

91.6670, -45.1918, 28.3560



Tritanopia

71.6300, -28.4116, 106.4415

Trichromacy



Original Color

71.5790, -20.9914, 106.4862

Protanomaly

86.9230, -23.1330, 46.5485

Deuteranomaly

84.5470, -36.2587, 56.5253

Tritanomaly

71.6130, -25.9382, 106.4564

Monochromacy



Original Color

71.5790, -20.9914, 106.4862

Achromatopsia

72.0000, 0.0000, 0.0000

Achromatomaly

71.5920, -7.6869, 38.9458

CSS Examples

Text

The CSS property to change the color of the text to YUV 71.5790, -20.9914, 106.4862 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(193, 18, 29)` looks like.

```
.text, #text, p{  
    color:rgb(193, 18, 29)  
}
```

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(193, 18, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 18, 29) }
```

Border

The CSS property to change the border of an element to YUV 71.5790, -20.9914, 106.4862 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(193, 18, 29) }
```


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

```
.border{ border-color:rgb(193, 18, 29) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 18, 29)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 18, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 18, 29);  
box-shadow:4px 4px 4px 4px rgb(193, 18,  
29) }
```

Background

The CSS property to change the background color of an element to YUV 71.5790, -20.9914, 106.4862 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 18, 29) }
```

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

```
.background{ background-color: rgb(193, 18,  
29) }
```

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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