

Converting Colors

YUV(70.8030, -24.0599,
110.6748)

Have a look what the booklet for
YUV(70.8030, -24.0599, 110.6748)
contains.

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Color

**YUV(70.8030, -24.0599,
110.6748)**

Conversions

Conversions Part 1

Format	Color
Hex	C51016
RGB	197, 16, 22
RGB Percent	77%, 6%, 9%
CMY	0.2275, 0.9373, 0.9137
CMYK	0.00, 0.92, 0.89, 0.23
HSL	358°, 85%, 42%
HSV	358°, 92%, 77%
XYZ	23.3561, 12.2988, 1.9020
YIQ	70.8030, 105.9500, 40.2380

Conversions

Conversions Part 2

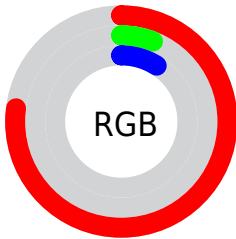
Format	Color
RYB	197, 16, 22
Decimal	12914710
CIELab	41.69, 64.53, 47.57
CIELCh	42, 80.164, 36.397
Yxy	12.2988, 0.6219, 0.3275
Android (android.graphics.Color)	4291104790 (0xFFC51016)
YUV	70.8030, -24.0599, 110.6748
Hunter-Lab	35.0697, 57.5073, 21.3333

Details

The YUV color **70.8030, -24.0599, 110.6748** 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 **142.1970, 24.0599, -110.6748**, and the grayscale version is **71.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **135.6530, -33.3529, 104.6673**, and **39.7670, -19.6051, 81.7653** is the 20% darker color. If you saturate the color by 10%, you get **59.7010, -25.9816, 120.4112**, and if you desaturate by 10%, it is **84.7090, -21.5485, 98.4792**.

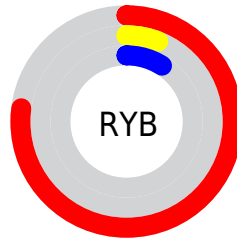
Distribution



Red (77%)

Green (6%)

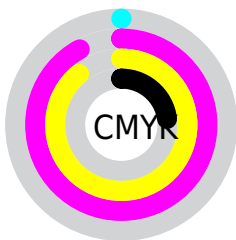
Blue (9%)



Red (77%)

Yellow (6%)

Blue (9%)

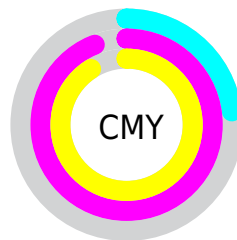


Cyan (0%)

Magenta (92%)

Yellow (89%)

Black (23%)



Cyan (23%)

Magenta (94%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the YUV color 70.8030, -24.0599, 110.6748 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 70.8030, -24.0599, 110.6748 by changing the saturation by 10% instead.

■ 70.8030, -24.0599,
110.6748

■ 70.8030, -24.0599,
110.6748

255.0000, 0.0000,
0.0000

■ 49.3350, -24.3222,
101.4382

■ 135.6530,
-33.3529, 104.6673

■ 39.7670, -19.6051,
81.7653

■ 155.5260,
-30.8253, 87.2387

■ 30.4980, -15.0355,
62.7073

■ 175.3990,
-28.2977, 69.8101

■ 22.1690, -9.4503,
44.5788

■ 195.3860,
-25.3333, 52.2815


■ 12.6720, -5.7543,
25.7207


■ 215.4870,
-21.9321, 34.6529


■ 0.0000, 0.0000,
0.0000


■ 235.5880,


-18.5309, 17.0243


 251.6940,
-12.6671, 2.8994


 70.8030, -24.0599,
110.6748


 70.8030, -24.0599,
110.6748

 59.7010, -25.9816,
120.4112

 84.7090, -21.5485,
98.4792

 98.0280, -18.7478,
86.7984

 111.9340,
-16.2365, 74.6029

 125.8400,
-13.7251, 62.4073

 139.7460,
-11.2138, 50.2118

■ 153.0650, -8.4130,
38.5310

■ 166.9710, -5.9017,
26.3354

■ 180.8770, -3.3904,
14.1399

■ 194.1960, -0.5896,
2.4591

Harmonies

Analogous

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



72.2240, 7.7776, 119.0756



70.8030, -24.0599, 110.6748



91.5770, -45.1475, 60.8840

Triad

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



70.8030, -24.0599, 110.6748



75.5870, -17.5444, -66.2898



87.4960, 71.2405, -76.7340

Complementary

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



70.8030, -24.0599, 110.6748



142.1970, 24.0599, -110.6748

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.



95.0470, 62.0948, -83.3562



70.8030, -24.0599, 110.6748



85.4420, 12.6001, -74.9326

Square

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



70.8030, -24.0599, 110.6748



74.3820, -36.6703, -45.0620



92.8520, 40.9920, -81.4312



98.3390, 53.0769, 9.3497

Rectangle

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



70.8030, -24.0599, 110.6748



92.5640, -45.6341, 30.2004



92.8520, 40.9920, -81.4312



91.1320, 69.9409, -79.9228

Sweetspot

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



70.8030, -24.0599, 110.6748



205.4570, -9.5923, 43.4492



88.9590, 53.2642, 89.4900



97.3840, -5.6123, 26.8502



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.



70.8030, -24.0599, 110.6748



77.1570, -34.0944, 155.9683



119.4270, -50.9895, 68.0315



92.6910, -1.3267, 5.5330



49.3070, -21.8434, 99.7088



10.8780, -4.8699, 22.0320

Inverse Universe

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



70.8030, -24.0599, 110.6748



77.1570, -34.0944, 155.9683



93.5730, 50.9895, -68.0315



92.6910, -1.3267, 5.5330



49.3070, -21.8434, 99.7088



10.8780, -4.8699, 22.0320

Previews

White Background



This preview shows how the YUV color 70.8030, -24.0599, 110.6748 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 70.8030, -24.0599, 110.6748

Background



This preview shows how black text looks on a background with the YUV color 70.8030, -24.0599, 110.6748.



This preview shows how white text looks on a background with the YUV color 70.8030, -24.0599,

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

70.8030, -24.0599, 110.6748

Protanopia

96.6340, -28.4136, 13.4760

Deuteranopia

93.4390, -46.0654, 28.5560



Tritanopia

70.1530, -31.6274, 111.2448

Trichromacy



Original Color

70.8030, -24.0599, 110.6748

Protanomaly

87.0220, -26.6328, 49.0927

Deuteranomaly

85.1020, -38.0113, 58.6695

Tritanomaly

70.2500, -28.7172, 111.1598

Monochromacy



Original Color

70.8030, -24.0599, 110.6748

Achromatopsia

71.0000, 0.0000, 0.0000

Achromatomaly

70.9620, -8.8553, 40.3753

CSS Examples

Text

The CSS property to change the color of the text to YUV 70.8030, -24.0599, 110.6748 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(197, 16, 22)` looks like.

```
.text, #text, p{  
  color:rgb(197, 16, 22)  
}
```

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(197, 16, 22) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 16, 22) }
```

Border

The CSS property to change the border of an element to YUV 70.8030, -24.0599, 110.6748 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(197, 16, 22) }
```


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

```
.border{ border-color:rgb(197, 16, 22) }
```

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

Here you see how a box with a 4 pixel rgb(197, 16, 22) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 16, 22); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 16, 22);  
box-shadow:4px 4px 4px 4px rgb(197, 16,  
22) }
```

Background

The CSS property to change the background color of an element to YUV 70.8030, -24.0599, 110.6748 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 16, 22) }
```

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

```
.background{ background-color: rgb(197, 16,  
22) }
```

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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