

Converting Colors

YUV(77.9300, -30.0385,
114.9484)

Have a look what the booklet for
YUV(77.9300, -30.0385, 114.9484)
contains.

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Color

**YUV(77.9300, -30.0385,
114.9484)**

Conversions

Conversions Part 1

Format	Color
Hex	D11711
RGB	209, 23, 17
RGB Percent	82%, 9%, 7%
CMY	0.1804, 0.9098, 0.9333
CMYK	0.00, 0.89, 0.92, 0.18
HSL	2°, 85%, 44%
HSV	2°, 92%, 82%
XYZ	26.7021, 14.2086, 1.8655
YIQ	77.9300, 112.7820, 37.5660

Conversions

Conversions Part 2

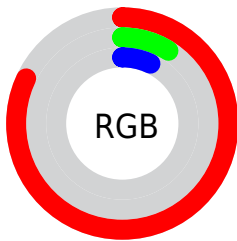
Format	Color
RYB	209, 23, 17
Decimal	13702929
CIELab	44.53, 66.56, 52.80
CIElCh	45, 84.964, 38.425
Yxy	14.2086, 0.6242, 0.3322
Android (android.graphics.Color)	4291893009 (0xFFD11711)
YUV	77.9300, -30.0385, 114.9484
Hunter-Lab	37.6943, 60.4819, 23.4517

Details

The YUV color **77.9300, -30.0385, 114.9484** 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 **148.0700, 30.0385, -114.9484**, and the grayscale version is **78.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **138.2460, -36.1103, 102.3933**, and **43.0560, -21.2266, 88.5279** is the 20% darker color. If you saturate the color by 10%, you get **66.6000, -32.8338, 124.8848**, and if you desaturate by 10%, it is **92.0640, -26.6536, 102.5529**.

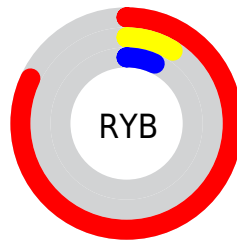
Distribution



Red (82%)

Green (9%)

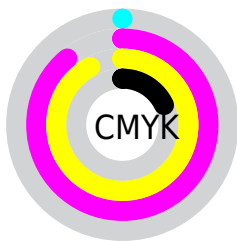
Blue (7%)



Red (82%)

Yellow (9%)

Blue (7%)

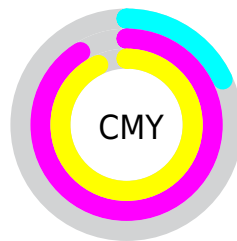


Cyan (0%)

Magenta (89%)

Yellow (92%)

Black (18%)



Cyan (18%)

Magenta (91%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the YUV color 77.9300, -30.0385, 114.9484 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 77.9300, -30.0385, 114.9484 by changing the saturation by 10% instead.

■ 77.9300, -30.0385,
114.9484

■ 77.9300, -30.0385,
114.9484

254.7720, -0.8736,
0.2000

■ 52.9230, -26.0910,
108.8155

■ 138.2460,
-36.1103, 102.3933

■ 43.0560, -21.2266,
88.5279

■ 158.1190,
-33.5827, 84.9646

■ 33.7870, -16.6570,
69.4698

■ 177.9920,
-31.0551, 67.5360

■ 24.7460, -11.2138,
50.2118

■ 197.9790,
-28.0906, 50.0074


■ 15.7760, -6.7916,
31.7684


■ 218.6670,
-24.9788, 31.8640


■ 0.0000, 0.0000,
0.0000


■ 238.8820,


-21.1408, 14.1355

 251.4660,
-13.5407, 3.0993


 77.9300, -30.0385,
114.9484


 77.9300, -30.0385,
114.9484

 66.6000, -32.8338,
124.8848

 92.0640, -26.6536,
102.5529

 106.1980,
-23.2686, 90.1574

 120.9190,
-20.1731, 77.2470

 135.0530,
-16.7881, 64.8515

 149.1870,
-13.4032, 52.4560

■ 163.2070,
-10.4551, 40.1605

■ 177.9280, -7.3595,
27.2501

■ 192.0620, -3.9746,
14.8546

■ 206.1960, -0.5896,
2.4591

Harmonies

Analogous

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



76.8230, 6.0033, 128.1972



77.9300, -30.0385, 114.9484



98.0780, -48.3525, 62.1986

Triad

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



77.9300, -30.0385, 114.9484



81.7820, -16.6545, -71.7228



92.2550, 76.7823, -80.9076

Complementary

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



77.9300, -30.0385, 114.9484



148.0700, 30.0385, -114.9484

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.



101.7950, 67.6421, -89.2742



77.9300, -30.0385, 114.9484



92.2070, 15.6739, -80.8655

Square

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



77.9300, -30.0385, 114.9484



72.7880, -35.8845, -63.8351



100.0730, 45.8130, -87.7640



105.0780, 55.6705, 17.4716

Rectangle

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



77.9300, -30.0385, 114.9484



99.3420, -48.9756, 28.6411



100.0730, 45.8130, -87.7640



97.1790, 75.3408, -85.2260

Sweetspot

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



77.9300, -30.0385, 114.9484



206.4030, -11.0447, 42.6196



95.9540, 54.2527, 99.1413



98.3300, -7.0647, 26.0206



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.



77.9300, -30.0385, 114.9484



80.9410, -39.9039, 152.6497



132.5210, -56.9519, 67.0721



97.2890, -1.6215, 6.7625



53.1670, -26.2113, 100.7085



12.8460, -6.3331, 24.6911

Inverse Universe

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



148.0700, 30.0385, -114.9484



174.0590, 39.9039, -152.6497



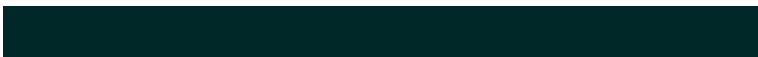
93.4790, 56.9519, -67.0721



101.1240, 1.9109, -6.2477



114.8330, 26.2113, -100.7085



28.1540, 6.3331, -24.6911

Previews

White Background



This preview shows how the YUV color 77.9300, -30.0385, 114.9484 looks on a white background.

Color Contrast Check

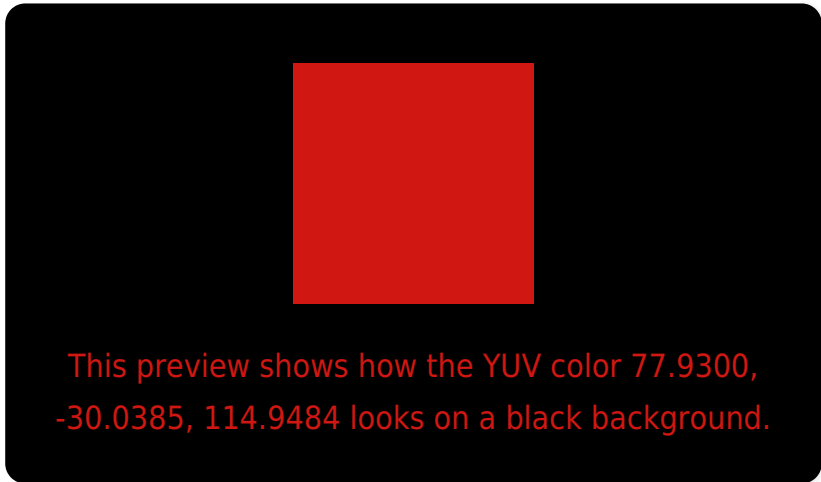
Large Text (above 18pt) WCAG AA ✓ Pass

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 77.9300, -30.0385, 114.9484 Background



This preview shows how black text looks on a background with the YUV color 77.9300, -30.0385, 114.9484.



This preview shows how white text looks on a background with the YUV color 77.9300, -30.0385,

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

77.9300, -30.0385, 114.9484

Protanopia

102.3800, -33.2183, 14.5757

Deuteranopia

99.6520, -49.1284, 31.0002



Tritanopia

77.8160, -30.4753, 115.0484

Trichromacy



Original Color

77.9300, -30.0385, 114.9484

Protanomaly

93.2520, -32.1692, 51.5220

Deuteranomaly

91.9730, -42.3847, 61.4137

Tritanomaly

77.8160, -30.4753, 115.0484

Monochromacy



Original Color

77.9300, -30.0385, 114.9484

Achromatopsia

78.0000, 0.0000, 0.0000

Achromatomaly

78.1040, -10.8973, 42.0048

CSS Examples

Text

The CSS property to change the color of the text to YUV 77.9300, -30.0385, 114.9484 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(209, 23, 17)` looks like.

```
.text, #text, p{  
    color:rgb(209, 23, 17)  
}
```

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(209, 23, 17) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 23, 17) }
```

Border

The CSS property to change the border of an element to YUV 77.9300, -30.0385, 114.9484 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(209, 23, 17) }
```


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

```
.border{ border-color:rgb(209, 23, 17) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 23, 17)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 23, 17); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 23, 17);  
box-shadow:4px 4px 4px 4px rgb(209, 23,  
17) }
```

Background

The CSS property to change the background color of an element to YUV 77.9300, -30.0385, 114.9484 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 23, 17) }
```

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

```
.background{ background-color: rgb(209, 23,  
17) }
```

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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