

Converting Colors

YUV(75.4280, -21.9030,
118.8966)

Have a look what the booklet for
YUV(75.4280, -21.9030, 118.8966)
contains.

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Color

**YUV(75.4280, -21.9030,
118.8966)**

Conversions

Conversions Part 1

Format	Color
Hex	D30F1F
RGB	211, 15, 31
RGB Percent	83%, 6%, 12%
CMY	0.1725, 0.9412, 0.8784
CMYK	0.00, 0.93, 0.85, 0.17
HSL	355°, 87%, 44%
HSV	355°, 93%, 83%
XYZ	27.2821, 14.2895, 2.6165
YIQ	75.4280, 111.6800, 46.5280

Conversions

Conversions Part 2

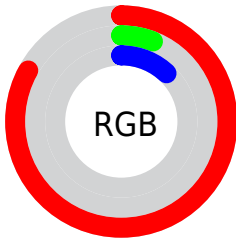
Format	Color
R_{YB}	211, 15, 31
Decimal	13831967
CIE Lab	44.65, 68.42, 46.85
CIE LCh	45, 82.923, 34.398
Yxy	14.2895, 0.6174, 0.3234
Android (android.graphics.Color)	4292022047 (0xFFD30F1F)
YUV	75.4280, -21.9030, 118.8966
Hunter-Lab	37.8014, 62.6750, 22.3570

Details

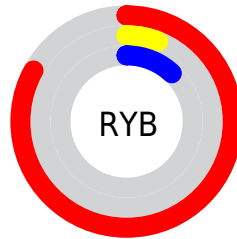
The YUV color **75.4280, -21.9030, 118.8966** is a dark color, and the websafe version is hex **CC0000**. The color can be described as dark washed red. A complement of this color would be **150.5720, 21.9030, -118.8966**, and the grayscale version is **76.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **138.4400, -30.2899, 102.2231**, and **43.9530, -21.6688, 90.3722** is the 20% darker color. If you saturate the color by 10%, you get **65.0270, -23.6773, 128.0183**, and if you desaturate by 10%, it is **89.9210, -19.6811, 106.1863**.

Distribution



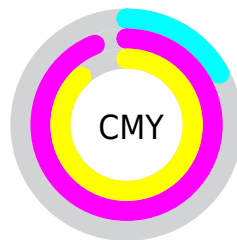
- Red (83%)
- Green (6%)
- Blue (12%)



- Red (83%)
- Yellow (6%)
- Blue (12%)



- Cyan (0%)
- Magenta (93%)
- Yellow (85%)
- Black (17%)





- Cyan (17%)
- Magenta (94%)
- Yellow (88%)

Brightness & Saturation Gradients


These gradients show how the YUV color 75.4280, -21.9030, 118.8966 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 75.4280, -21.9030, 118.8966 by changing the saturation by 10% instead.


 75.4280, -21.9030,
118.8966


 75.4280, -21.9030,
118.8966


255.0000, 0.0000,
0.0000

 54.4330, -22.8915,
109.2453


 138.4400,
-30.2899, 102.2231

 43.9530, -21.6688,
90.3722


 158.3130,
-27.7623, 84.7945


 34.3850, -16.9518,
70.6994


 178.7730,
-25.5241, 66.8511

 25.3440, -11.5086,
51.4413

 198.7600,
-22.5597, 49.3225

 16.3740, -7.0864,
32.9980

 218.8610,
-19.1585, 31.6939

 1.7940, -0.8844,
3.6887

 239.6630,

 0.0000, 0.0000,

-15.6099, 13.4505

0.0000

252.9480, -7.8624,
1.7996

75.4280, -21.9030,
118.8966

75.4280, -21.9030,
118.8966

65.0270, -23.6773,
128.0183

89.9210, -19.6811,
106.1863

104.5280,
-17.0223, 93.3759

119.0210,
-14.8004, 80.6656

133.6280,
-12.1416, 67.8552

148.7080,
-10.2090, 54.6301

■ 163.2010, -7.9871,
41.9197

■ 177.8080, -5.3283,
29.1094

■ 192.3010, -3.1064,
16.3990

■ 206.7940, -0.8844,
3.6887

Harmonies

Analogous

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



77.3650, 10.6661, 125.9679



75.4280, -21.9030, 118.8966



97.5240, -48.0793, 67.9465

Triad

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



75.4280, -21.9030, 118.8966



80.7560, -20.5857, -70.8230



94.3750, 74.7511, -82.7669

Complementary

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



75.4280, -21.9030, 118.8966



150.5720, 21.9030, -118.8966

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.



101.5840, 64.2951, -89.0892



75.4280, -21.9030, 118.8966



91.0670, 11.3060, -79.8658

Square

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



75.4280, -21.9030, 118.8966



83.2750, -41.0546, -38.8292



98.9330, 41.4450, -86.7642



105.1470, 57.6085, 2.5021

Rectangle

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



75.4280, -21.9030, 118.8966



99.9730, -49.2867, 35.1037



98.9330, 41.4450, -86.7642



97.8970, 73.0148, -85.8557

Sweetspot

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



75.4280, -21.9030, 118.8966



205.7990, -8.2819, 43.1493



91.1640, 59.0791, 91.0642



97.6120, -4.7387, 26.6503



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.



75.4280, -21.9030, 118.8966



78.6390, -28.4160, 154.6686



121.7380, -52.6218, 78.2828



97.4030, -1.1847, 6.6626



51.8280, -18.6492, 101.8828



12.6010, -4.7333, 24.9059

Inverse Universe

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



75.4280, -21.9030, 118.8966



78.6390, -28.4160, 154.6686



104.2620, 52.6218, -78.2828



97.4030, -1.1847, 6.6626



51.8280, -18.6492, 101.8828



12.6010, -4.7333, 24.9059

Previews

White Background



This preview shows how the YUV color 75.4280, -21.9030, 118.8966 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 75.4280, -21.9030, 118.8966

Background



This preview shows how black text looks on a background with the YUV color 75.4280, -21.9030, 118.8966.



This preview shows how white text looks on a background with the YUV color 75.4280, -21.9030,

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

75.4280, -21.9030, 118.8966

Protanopia

104.2040, -26.2296, 12.9761

Tritanopia

75.0400, -33.5437, 119.2369

Trichromacy



Original Color

75.4280, -21.9030, 118.8966

Protanomaly

93.9020, -24.6017, 50.9519

Tritanomaly

75.4790, -29.3231, 118.8519

Monochromacy



Original Color

75.4280, -21.9030, 118.8966

Achromatopsia

75.0000, 0.0000, 0.0000

Achromatomaly

74.9130, -7.8451, 43.0493

CSS Examples

Text

The CSS property to change the color of the text to YUV 75.4280, -21.9030, 118.8966 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(211, 15, 31)` looks like.

```
.text, #text, p{  
    color:rgb(211, 15, 31)  
}
```

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(211, 15, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 15, 31) }
```

Border

The CSS property to change the border of an element to YUV 75.4280, -21.9030, 118.8966 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(211, 15, 31) }
```

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

```
.border{ border-color:rgb(211, 15, 31) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 15, 31)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 15, 31); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 15, 31);  
box-shadow:4px 4px 4px 4px rgb(211, 15,  
31) }
```


Background

The CSS property to change the background color of an element to YUV 75.4280, -21.9030, 118.8966 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 15, 31) }
```

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

```
.background{ background-color: rgb(211, 15,  
31) }
```

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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