

# Converting Colors

YUV(71.6070, -20.0193,  
121.3707)

Have a look what the booklet for  
YUV(71.6070, -20.0193, 121.3707)  
contains.

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# Color

**YUV(71.6070, -20.0193,  
121.3707)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D2091F
RGB	210, 9, 31
RGB Percent	82%, 4%, 12%
CMY	0.1765, 0.9647, 0.8784
CMYK	0.00, 0.96, 0.85, 0.18
HSL	353°, 92%, 43%
HSV	353°, 96%, 82%
XYZ	26.9234, 13.9959, 2.5788
YIQ	71.6070, 112.7340, 49.4540

# Conversions

## Conversions Part 2

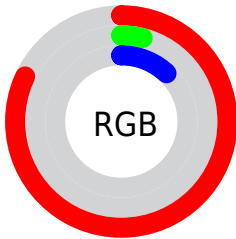
<b>Format</b>	<b>Color</b>
<b>RYB</b>	210, 9, 31
Decimal	13764895
CIELab	44.23, 68.77, 46.40
CIElCh	44, 82.964, 34.009
Yxy	13.9959, 0.6190, 0.3218
Android (android.graphics.Color)	4291954975 (0xFFD2091F)
YUV	71.6070, -20.0193, 121.3707
Hunter-Lab	37.4111, 62.9900, 22.1009

# Details

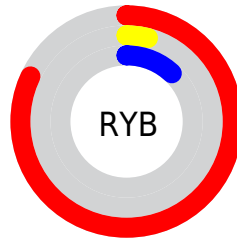
The YUV color **71.6070, -20.0193, 121.3707** is a dark color, and the websafe version is hex **CC0000**. The color can be described as dark washed red. A complement of this color would be **147.3930, 20.0193, -121.3707**, and the grayscale version is **72.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **137.2660, -29.7111, 103.2527**, and **43.6540, -21.5214, 89.7574** is the 20% darker color. If you saturate the color by 10%, you get **65.4120, -20.9091, 126.8037**, and if you desaturate by 10%, it is **86.1000, -17.7973, 108.6603**.

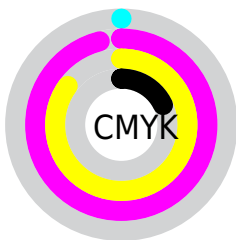
# Distribution



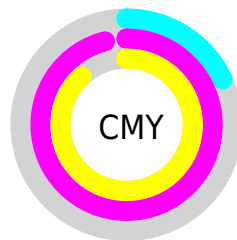
- Red (82%)
- Green (4%)
- Blue (12%)



- Red (82%)
- Yellow (4%)
- Blue (12%)



- Cyan (0%)
- Magenta (96%)
- Yellow (85%)
- Black (18%)



- Cyan (18%)
- Magenta (96%)
- Yellow (88%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 71.6070, -20.0193, 121.3707 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 71.6070, -20.0193, 121.3707 by changing the saturation by 10% instead.



■ 71.6070, -20.0193,  
121.3707

■ 71.6070, -20.0193,  
121.3707

255.0000, 0.0000,  
0.0000

■ 54.2480, -22.3073,  
108.5305

■ 137.2660,  
-29.7111, 103.2527

■ 43.6540, -21.5214,  
89.7574

■ 157.7260,  
-27.4729, 85.3093

■ 34.0860, -16.8044,  
70.0846

■ 177.5990,  
-24.9453, 67.8807

■ 25.0450, -11.3612,  
50.8265

■ 197.5860,  
-21.9809, 50.3521

■ 16.0750, -6.9390,  
32.3832

■ 218.2740,  
-18.8691, 32.2087

■ 0.5980, -0.2948,  
1.2296

■ 239.0760,

■ 0.0000, 0.0000,

-15.3205, 13.9653

0.0000

252.8340, -8.2992,  
1.8996

71.6070, -20.0193,  
121.3707

71.6070, -20.0193,  
121.3707

65.4120, -20.9091,  
126.8037

86.1000, -17.7973,  
108.6603

100.4790,  
-16.0121, 96.0499

114.9720,  
-13.7902, 83.3396

129.4650,  
-11.5682, 70.6292

143.9580, -9.3463,  
57.9188

■ 158.3370, -7.5611,  
45.3085

■ 172.8300, -5.3392,  
32.5981

■ 187.3230, -3.1172,  
19.8877

■ 201.7020, -1.3321,  
7.2773

# Harmonies

## Analogous

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



76.7670, 10.9609, 124.7383



71.6070, -20.0193, 121.3707



96.6380, -47.6425, 67.8465

# Triad

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



71.6070, -20.0193, 121.3707



79.3540, -20.8805, -69.5935



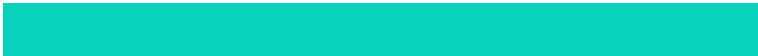
93.6740, 74.6037, -82.1521

# Complementary

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



71.6070, -20.0193, 121.3707



147.3930, 20.0193, -121.3707

# 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.



100.7690, 63.7109, -88.3744



71.6070, -20.0193, 121.3707



90.2520, 10.7218, -79.1510

# Square

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



71.6070, -20.0193, 121.3707



82.9870, -40.9126, -37.6996



98.1180, 40.8608, -86.0495



103.5490, 57.9033, 1.2725



# Rectangle

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



71.6070, -20.0193, 121.3707



98.7990, -48.7079, 36.1333



98.1180, 40.8608, -86.0495



97.1960, 72.8674, -85.2409

# Sweetspot

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



71.6070, -20.0193, 121.3707



204.0380, -7.4137, 44.6937



85.1360, 61.5580, 89.3347



97.0250, -4.4493, 27.1651



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.



71.6070, -20.0193, 121.3707



79.4370, -25.3584, 153.9688



114.2980, -51.9119, 83.9307



97.4030, -1.1847, 6.6626



52.2840, -16.9020, 101.4829



12.7150, -4.2965, 24.8059



# Inverse Universe

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



71.6070, -20.0193, 121.3707



79.4370, -25.3584, 153.9688



104.7020, 51.9119, -83.9307



97.4030, -1.1847, 6.6626



52.2840, -16.9020, 101.4829



12.7150, -4.2965, 24.8059



# Previews

## White Background



This preview shows how the YUV color 71.6070, -20.0193, 121.3707 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 71.6070, -20.0193, 121.3707

## Background



This preview shows how black text looks on a background with the YUV color 71.6070, -20.0193, 121.3707.



This preview shows how white text looks on a background with the YUV color 71.6070, -20.0193,



# 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

71.6070, -20.0193, 121.3707

### Protanopia

103.3180, -25.7928, 12.8761

### Deuteranopia

99.3530, -48.9810, 30.3854



## Tritanopia

73.6440, -36.3065, 118.7072

# Trichromacy



## Original Color

71.6070, -20.0193, 121.3707

## Protanomaly

91.8420, -23.5861, 51.8816

## Deuteranomaly

89.6080, -38.7537, 63.4878

## Tritanomaly

72.5500, -30.3441, 119.6666

# Monochromacy



## Original Color

71.6070, -20.0193, 121.3707

## Achromatopsia

72.0000, 0.0000, 0.0000

## Achromatomaly

71.7390, -7.2663, 44.0789

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 71.6070, -20.0193, 121.3707 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(210, 9, 31)` looks like.

```
.text, #text, p{  
    color:rgb(210, 9, 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(210, 9, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 9, 31) }
```

## Border

The CSS property to change the border of an element to YUV 71.6070, -20.0193, 121.3707 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(210, 9, 31) }
```



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

```
.border{ border-color:rgb(210, 9, 31) }
```

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

Here you see how a box with a 4 pixel rgb(210, 9, 31) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 9, 31); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 9, 31);  
box-shadow:4px 4px 4px 4px rgb(210, 9, 31)  
}
```

# Background

The CSS property to change the background color of an element to YUV 71.6070, -20.0193, 121.3707 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 9, 31) }
```

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

```
.background{ background-color: rgb(210, 9,  
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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