

Converting Colors

YUV(70.6740, -11.6713,
103.7719)

Have a look what the booklet for
YUV(70.6740, -11.6713, 103.7719)
contains.

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Color

**YUV(70.6740, -11.6713,
103.7719)**

Conversions

Conversions Part 1

Format	Color
Hex	BD0F2F
RGB	189, 15, 47
RGB Percent	74%, 6%, 18%
CMY	0.2588, 0.9412, 0.8157
CMYK	0.00, 0.92, 0.75, 0.26
HSL	349°, 85%, 40%
HSV	349°, 92%, 74%
XYZ	21.6702, 11.3657, 3.7410
YIQ	70.6740, 93.4320, 46.8400

Conversions

Conversions Part 2

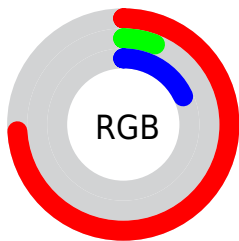
Format	Color
R_{YB}	189, 15, 47
Decimal	12390191
CIE _{Lab}	40.19, 63.26, 31.86
CIE _{LCh}	40, 70.827, 26.733
Yxy	11.3657, 0.5892, 0.3090
Android (android.graphics.Color)	4290580271 (0xFFBD0F2F)
YUV	70.6740, -11.6713, 103.7719
Hunter-Lab	33.7131, 55.7389, 17.0200

Details

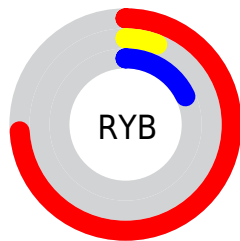
The YUV color **70.6740, -11.6713, 103.7719** is a dark color, and the websafe version is hex **CC0033**. A complement of this color would be **133.3260, 11.6713, -103.7719**, and the grayscale version is **71.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **137.3180, -21.8488, 101.4531**, and **38.0870, -18.2839, 77.9767** is the 20% darker color. If you saturate the color by 10%, you get **60.5010, -12.5720, 112.6936**, and if you desaturate by 10%, it is **83.5370, -10.6177, 92.4911**.

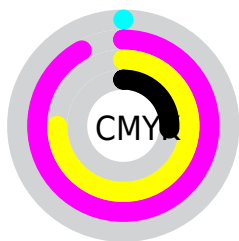
Distribution



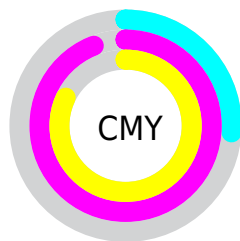
- Red (74%)
- Green (6%)
- Blue (18%)



- Red (74%)
- Yellow (6%)
- Blue (18%)



- Cyan (0%)
- Magenta (92%)
- Yellow (75%)
- Black (26%)





- Cyan (26%)
- Magenta (94%)
- Yellow (82%)

Brightness & Saturation Gradients


These gradients show how the YUV color 70.6740, -11.6713, 103.7719 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 70.6740, -11.6713, 103.7719 by changing the saturation by 10% instead.


 70.6740, -11.6713,
103.7719


 70.6740, -11.6713,
103.7719


255.0000, 0.0000,
0.0000


 50.2060, -11.9336,
94.5353


 137.3180,
-21.8488, 101.4531


 38.0870, -18.2839,
77.9767


 157.2020,
-19.3266, 85.7688

 28.7040, -14.1511,
59.0186

 177.0750,
-16.7990, 68.3402

 20.6740, -8.7133,
41.5049

 197.1760,
-13.3978, 50.7116

 10.5790, -4.7224,
21.4172

 217.2770, -9.9966,
33.0831

 0.0000, 0.0000,
0.0000

 237.4920, -6.1586,

15.3545

254.8860, -0.4368,
0.1000

■ 70.6740, -11.6713,
103.7719

■ 70.6740, -11.6713,
103.7719

■ 60.5010, -12.5720,
112.6936

■ 83.5370, -10.6177,
92.4911

■ 96.5140, -9.1274,
81.1102

■ 109.3770, -8.0739,
69.8294

■ 122.3540, -6.5835,
58.4485

■ 135.2170, -5.5300,
47.1677

■ 147.6070, -3.7503,
36.3017

■ 160.4700, -2.6967,
25.0208

■ 173.3330, -1.6432,
13.7400

■ 186.3100, -0.1528,
2.3591

Harmonies

Analogous

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



68.3670, 17.5671, 105.7951



70.6740, -11.6713, 103.7719



86.0170, -42.4064, 68.3911

Triad

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



70.6740, -11.6713, 103.7719



69.3120, -23.8178, -60.7866



85.8030, 62.2151, -75.2492

Complementary

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



70.6740, -11.6713, 103.7719



133.3260, 11.6713, -103.7719

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.



89.3930, 50.5853, -78.3977



70.6740, -11.6713, 103.7719



79.0700, 3.4165, -69.3444

Square

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



70.6740, -11.6713, 103.7719



81.6570, -40.2569, -14.6082



86.4970, 29.3350, -75.8579



90.6680, 53.9007, -21.6338

Rectangle

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



70.6740, -11.6713, 103.7719



89.6840, -44.2142, 41.4961



86.4970, 29.3350, -75.8579



87.8090, 59.7472, -77.0085

Sweetspot

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



70.6740, -11.6713, 103.7719



198.1130, -4.4927, 41.1199



76.3970, 55.5133, 68.0578



94.0570, -2.9861, 24.5060



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



70.6740, -11.6713, 103.7719



78.3850, -16.4588, 146.1214



97.5500, -40.6972, 80.2017



87.9190, -0.4531, 5.3330



50.5480, -10.6232, 94.2354



9.9530, -1.9488, 18.4582

Inverse Universe

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



70.6740, -11.6713, 103.7719



78.3850, -16.4588, 146.1214



106.4500, 40.6972, -80.2016



87.9190, -0.4531, 5.3330



50.5480, -10.6232, 94.2354



9.9530, -1.9488, 18.4582

Previews

White Background



This preview shows how the YUV color 70.6740, -11.6713, 103.7719 looks on a white background.

Color Contrast Check

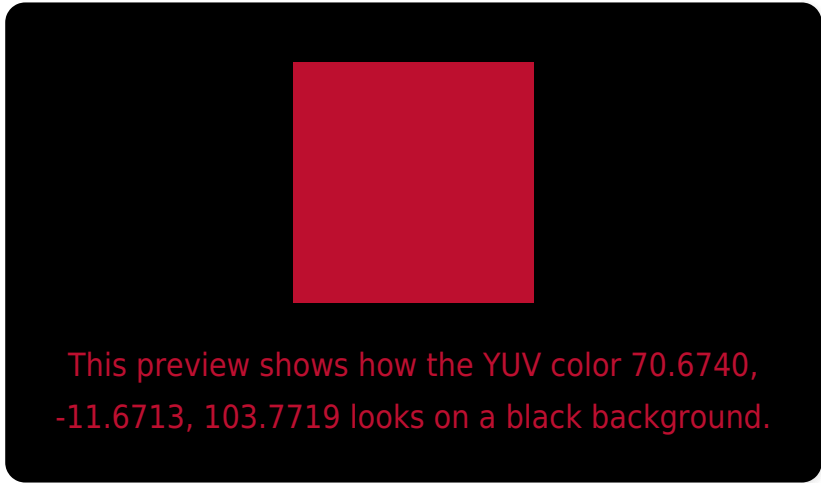
Large Text (above 18pt) WCAG AA ✓ Pass

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 70.6740, -11.6713, 103.7719

Background



This preview shows how black text looks on a background with the YUV color 70.6740, -11.6713, 103.7719.



This preview shows how white text looks on a background with the YUV color 70.6740, -11.6713,

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

70.6740, -11.6713, 103.7719

Protanopia

95.4280, -12.5360, 7.5176

Deuteranopia

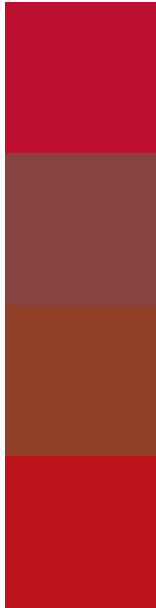
93.9880, -28.5881, 22.8125



Tritanopia

71.8790, -26.0693, 101.8381

Trichromacy



Original Color

70.6740, -11.6713, 103.7719

Protanomaly

86.7620, -12.2077, 42.3047

Deuteranomaly

85.4830, -22.4231, 52.1964

Tritanomaly

71.2580, -20.8332, 102.3827

Monochromacy



Original Color

70.6740, -11.6713, 103.7719

Achromatopsia

71.0000, 0.0000, 0.0000

Achromatomaly

71.0910, -4.4819, 37.6312

CSS Examples

Text

The CSS property to change the color of the text to YUV 70.6740, -11.6713, 103.7719 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(189, 15, 47)` looks like.

```
.text, #text, p{  
    color:rgb(189, 15, 47)  
}
```

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(189, 15, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 15, 47) }
```

Border

The CSS property to change the border of an element to YUV 70.6740, -11.6713, 103.7719 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(189, 15, 47) }
```


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

```
.border{ border-color:rgb(189, 15, 47) }
```

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

Here you see how a box with a 4 pixel rgb(189, 15, 47) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 15, 47); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 15, 47);  
box-shadow:4px 4px 4px 4px rgb(189, 15,  
47) }
```

Background

The CSS property to change the background color of an element to YUV 70.6740, -11.6713, 103.7719 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 15, 47) }
```

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

```
.background{ background-color: rgb(189, 15,  
47) }
```

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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