

Converting Colors

YUV(72.7080, -20.0690,
90.5871)

Have a look what the booklet for
YUV(72.7080, -20.0690, 90.5871)
contains.

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Color

**YUV(72.7080, -20.0690,
90.5871)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | B01C20 |
| RGB | 176, 28, 32 |
| RGB Percent | 69%, 11%, 13% |
| CMY | 0.3098, 0.8902, 0.8745 |
| CMYK | 0.00, 0.84, 0.82, 0.31 |
| HSL | 358°, 73%, 40% |
| HSV | 358°, 84%, 69% |
| XYZ | 18.5805, 10.1649, 2.3492 |
| YIQ | 72.7080, 86.9240, 32.6200 |

Conversions

Conversions Part 2

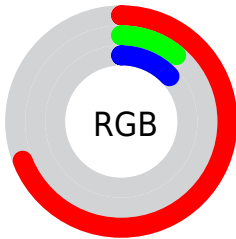
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 176, 28, 32 |
| Decimal | 11541536 |
| CIELab | 38.14, 56.84, 37.66 |
| CIELCh | 38, 68.183, 33.529 |
| Yxy | 10.1649, 0.5975, 0.3269 |
| Android (android.graphics.Color) | 4289731616 (0xFFB01C20) |
| YUV | 72.7080, -20.0690, 90.5871 |
| Hunter-Lab | 31.8824, 48.2320, 17.9490 |

Details

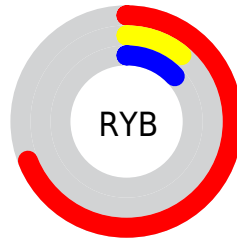
The YUV color **72.7080, -20.0690, 90.5871** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **131.2920, 20.0690, -90.5871**, and the grayscale version is **73.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **132.4820, -27.3526, 93.4163**, and **34.3850, -16.9518, 70.6994** is the 20% darker color. If you saturate the color by 10%, you get **60.2040, -22.2856, 101.5531**, and if you desaturate by 10%, it is **85.2120, -17.8525, 79.6211**.

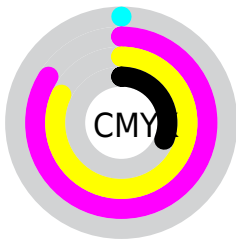
Distribution



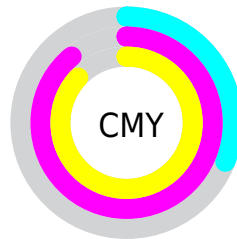
- Red (69%)
- Green (11%)
- Blue (13%)



- Red (69%)
- Yellow (11%)
- Blue (13%)



- Cyan (0%)
- Magenta (84%)
- Yellow (82%)
- Black (31%)





- Cyan (31%)
- Magenta (89%)
- Yellow (87%)

Brightness & Saturation Gradients


These gradients show how the YUV color 72.7080, -20.0690, 90.5871 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 72.7080, -20.0690, 90.5871 by changing the saturation by 10% instead.


 72.7080, -20.0690,
90.5871

 72.7080, -20.0690,
90.5871


255.0000, 0.0000,
0.0000

 44.4950, -17.0060,
88.1429


 132.4820,
-27.3526, 93.4163


 34.3850, -16.9518,
70.6994


 156.5520,
-26.8941, 86.3389


 25.1160, -12.3822,
51.6413

 175.8380,
-24.0771, 69.4251

 17.2710, -7.5286,
34.8423

 195.2380,
-20.8233, 52.4113

 4.1860, -2.0637,
8.6069

 215.3390,
-17.4221, 34.7827

 0.0000, 0.0000,
0.0000

 235.4400,

-14.0209, 17.1541

252.8340, -8.2992,
1.8996

72.7080, -20.0690,
90.5871

72.7080, -20.0690,
90.5871

60.2040, -22.2856,
101.5531

85.2120, -17.8525,
79.6211

53.1940, -23.7596,
107.7009

97.1290, -15.3466,
69.1699

109.6330,
-13.1301, 58.2039

121.5500,
-10.6241, 47.7527

134.1680, -7.9708,
36.6867

■ 146.6720, -5.7543,
25.7207

■ 158.5890, -3.2484,
15.2694

■ 171.0930, -1.0318,
4.3034

■ 183.0100, 1.4741,
-6.1478

Harmonies

Analogous

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



64.2220, 10.7366, 103.2913



72.7080, -20.0690, 90.5871



83.5810, -41.2054, 56.4955

Triad

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



72.7080, -20.0690, 90.5871



68.0870, -15.8189, -59.7123



78.7930, 60.7411, -69.1015

Complementary

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



72.7080, -20.0690, 90.5871



131.2920, 20.0690, -90.5871

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.



85.0560, 51.7374, -74.5941



72.7080, -20.0690, 90.5871



76.5740, 9.0840, -67.1554

Square

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



72.7080, -20.0690, 90.5871



73.6170, -36.2932, -25.9741



82.8440, 33.1079, -72.6542



89.7480, 45.9732, 1.0980

Rectangle

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



72.7080, -20.0690, 90.5871



84.6010, -41.7083, 31.0449



82.8440, 33.1079, -72.6542



82.2010, 58.5679, -72.0903

Sweetspot

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



72.7080, -20.0690, 90.5871



189.5700, -7.6760, 35.4571



87.6290, 43.5669, 73.1164



90.5790, -4.7224, 21.4172



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



72.7080, -20.0690, 90.5871



69.4540, -31.2828, 140.7988



112.7550, -41.7842, 55.4659



82.8050, -0.8899, 5.4330



46.2030, -20.8061, 93.6610



7.8880, -3.3958, 15.8842

Inverse Universe

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



72.7080, -20.0690, 90.5871



69.4540, -31.2828, 140.7988



91.2450, 41.7842, -55.4659



82.8050, -0.8899, 5.4330



46.2030, -20.8061, 93.6610



7.8880, -3.3958, 15.8842

Previews

White Background



This preview shows how the YUV color 72.7080, -20.0690, 90.5871 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 72.7080, -20.0690, 90.5871

Background



This preview shows how black text looks on a background with the YUV color 72.7080, -20.0690, 90.5871.



This preview shows how white text looks on a background with the YUV color 72.7080, -20.0690,

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

72.7080, -20.0690, 90.5871

Protanopia

89.0880, -20.2564, 10.4468

Deuteranopia

87.3920, -34.7033, 24.2122



Tritanopia

72.7250, -22.5424, 90.5722

Trichromacy



Original Color

72.7080, -20.0690, 90.5871

Protanomaly

82.9760, -20.2012, 39.4860

Deuteranomaly

82.2130, -29.6850, 48.0482

Tritanomaly

72.9530, -21.6688, 90.3722

Monochromacy



Original Color

72.7080, -20.0690, 90.5871

Achromatopsia

73.0000, 0.0000, 0.0000

Achromatomaly

72.9610, -7.3758, 32.4832

CSS Examples

Text

The CSS property to change the color of the text to YUV 72.7080, -20.0690, 90.5871 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(176, 28, 32)` looks like.

```
.text, #text, p{  
    color:rgb(176, 28, 32)  
}
```

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(176, 28, 32) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 28, 32) }
```

Border

The CSS property to change the border of an element to YUV 72.7080, -20.0690, 90.5871 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(176, 28, 32) }
```


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

```
.border{ border-color:rgb(176, 28, 32) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 28, 32)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 28, 32); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 28, 32);  
box-shadow:4px 4px 4px 4px rgb(176, 28,  
32) }
```

Background

The CSS property to change the background color of an element to YUV 72.7080, -20.0690, 90.5871 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 28, 32) }
```

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

```
.background{ background-color: rgb(176, 28,  
32) }
```

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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