

Converting Colors

YUV(38.6960, -5.2731, 58.1486)

Have a look what the booklet for
YUV(38.6960, -5.2731, 58.1486)
contains.

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Color

**YUV(38.6960, -5.2731,
58.1486)**

Conversions

Conversions Part 1

Format	Color
Hex	69071C
RGB	105, 7, 28
RGB Percent	41%, 3%, 11%
CMY	0.5882, 0.9725, 0.8902
CMYK	0.00, 0.93, 0.73, 0.59
HSL	347°, 87%, 22%
HSV	347°, 93%, 41%
XYZ	6.1113, 3.2391, 1.4017
YIQ	38.6960, 51.6670, 27.3070

Conversions

Conversions Part 2

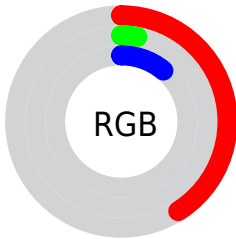
Format	Color
R_{YB}	105, 7, 28
Decimal	6883100
CIE _{Lab}	20.98, 40.93, 16.88
CIE _{LCh}	21, 44.270, 22.413
Yxy	3.2391, 0.5684, 0.3013
Android (android.graphics.Color)	4285073180 (0xFF69071C)
YUV	38.6960, -5.2731, 58.1486
Hunter-Lab	17.9974, 29.1169, 7.9804

Details

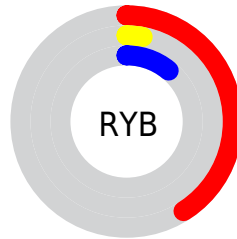
The YUV color **38.6960, -5.2731, 58.1486** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **73.3040, 5.2731, -58.1486**, and the grayscale version is **39.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **94.1000, -11.3883, 59.5483**, and **15.6620, -7.2284, 31.8684** is the 20% darker color. If you saturate the color by 10%, you get **34.0170, -5.4314, 62.2521**, and if you desaturate by 10%, it is **46.0650, -4.9620, 51.6860**.

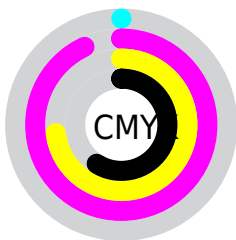
Distribution



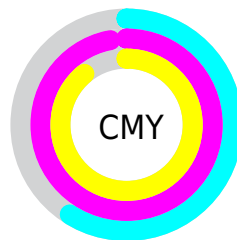
- Red (41%)
- Green (3%)
- Blue (11%)



- Red (41%)
- Yellow (3%)
- Blue (11%)



- Cyan (0%)
- Magenta (93%)
- Yellow (73%)
- Black (59%)



- Cyan (59%)
- Magenta (97%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YUV color 38.6960, -5.2731, 58.1486 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 38.6960, -5.2731, 58.1486 by changing the saturation by 10% instead.

■ 38.6960, -5.2731,
58.1486

■ 38.6960, -5.2731,
58.1486

255.0000, 0.0000,
0.0000

■ 23.5500, -10.6242,
47.7527

■ 94.1000, -11.3883,
59.5483

■ 15.6620, -7.2284,
31.8684

■ 120.7690,
-12.7041, 61.5926

■ 1.4950, -0.7370,
3.0739

■ 147.7370,
-14.1673, 64.2517

■ 0.0000, 0.0000,
0.0000


■ 175.5200,
-15.0464, 66.1960


■ 195.6430,
-11.6560, 52.0561


■ 215.1570, -7.9654,


34.9423


 235.3720, -4.1274,
17.2138


 38.6960, -5.2731,
58.1486


 38.6960, -5.2731,
58.1486


 34.0170, -5.4314,
62.2521

 46.0650, -4.9620,
51.6860

 52.9610, -3.9248,
45.6382

 60.3300, -3.6137,
39.1756

 67.1120, -3.0132,
33.2278

 73.8940, -2.4127,
27.2800

■ 81.3770, -1.6649,
20.7174

■ 88.7460, -1.3538,
14.2548

■ 95.5280, -0.7533,
8.3069

■ 102.8970, -0.4422,
1.8443

Harmonies

Analogous

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



39.3980, 10.1568, 55.7790



38.6960, -5.2731, 58.1486



45.4170, -22.3906, 41.7303

Triad

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



38.6960, -5.2731, 58.1486



36.1490, -16.3425, -31.7027



46.6830, 34.1733, -40.9410

Complementary

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



38.6960, -5.2731, 58.1486



73.3040, 5.2731, -58.1486

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.



48.6090, 26.3218, -42.6301



38.6960, -5.2731, 58.1486



42.2420, -0.6123, -37.0462

Square

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



38.6960, -5.2731, 58.1486



44.8320, -22.1022, -4.2377



46.1180, 14.2388, -40.4455



46.0490, 32.5138, -21.9680

Rectangle

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



38.6960, -5.2731, 58.1486



48.2750, -23.7996, 26.9458



46.1180, 14.2388, -40.4455



48.1020, 31.9947, -42.1855

Sweetspot

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



38.6960, -5.2731, 58.1486



111.5730, -2.2545, 23.1765



41.1950, 31.4559, 37.5400



52.7460, -1.3538, 14.2548



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

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



38.6960, -5.2731, 58.1486



44.6820, -7.2382, 81.8399



52.7380, -22.5488, 45.8338



49.9080, -0.4476, 3.5887



37.8330, -6.3267, 69.4295



79.1830, -13.4012, 145.4215

Inverse Universe

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



38.6960, -5.2731, 58.1486



44.6820, -7.2382, 81.8399



59.2620, 22.5488, -45.8338



49.9080, -0.4476, 3.5887



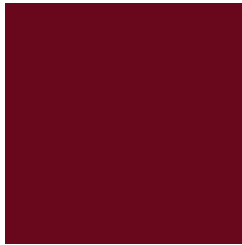
37.8330, -6.3267, 69.4295



79.1830, -13.4012, 145.4215

Previews

White Background



This preview shows how the YUV color 38.6960, -5.2731, 58.1486 looks on a white background.

Color Contrast Check

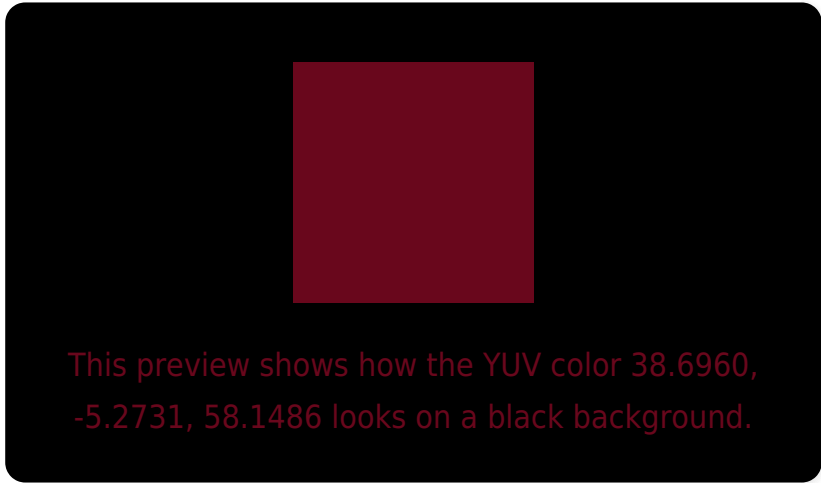
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 38.6960, -5.2731, 58.1486

Background



This preview shows how black text looks on a background with the YUV color 38.6960, -5.2731, 58.1486.



This preview shows how white text looks on a background with the YUV color 38.6960, -5.2731,

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

38.6960, -5.2731, 58.1486

Protanopia

52.9420, -5.3944, 3.5589

Deuteranopia

52.4780, -15.0257, 12.7358



Tritanopia

40.1660, -14.8718, 56.8594

Trichromacy



Original Color

38.6960, -5.2731, 58.1486

Protanomaly

47.4760, -5.1647, 23.2615

Deuteranomaly

47.5000, -11.5855, 29.3795

Tritanomaly

39.7900, -11.2355, 57.1892

Monochromacy



Original Color

38.6960, -5.2731, 58.1486

Achromatopsia

39.0000, 0.0000, 0.0000

Achromatomaly

38.6760, -1.8123, 21.3321

CSS Examples

Text

The CSS property to change the color of the text to YUV 38.6960, -5.2731, 58.1486 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(105, 7, 28)` looks like.

```
.text, #text, p{  
    color:rgb(105, 7, 28)  
}
```

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(105, 7, 28) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 7, 28) }
```

Border

The CSS property to change the border of an element to YUV 38.6960, -5.2731, 58.1486 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(105, 7, 28) }
```


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

```
.border{ border-color:rgb(105, 7, 28) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 7, 28)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 7, 28); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 7, 28);  
box-shadow:4px 4px 4px 4px rgb(105, 7, 28)  
}
```

Background

The CSS property to change the background color of an element to YUV 38.6960, -5.2731, 58.1486 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 7, 28) }
```

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

```
.background{ background-color: rgb(105, 7,  
28) }
```

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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