

Converting Colors

YUV(36.6980, -11.6831,
60.7779)

Have a look what the booklet for
YUV(36.6980, -11.6831, 60.7779)
contains.

YUV(36.6980, -11.6831, 60.7779)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(36.6980, -11.6831,
60.7779)**

Conversions

Conversions Part 1

Format	Color
Hex	6A060D
RGB	106, 6, 13
RGB Percent	42%, 2%, 5%
CMY	0.5843, 0.9765, 0.9490
CMYK	0.00, 0.94, 0.88, 0.58
HSL	356°, 89%, 22%
HSV	356°, 94%, 42%
XYZ	6.0816, 3.2235, 0.6824
YIQ	36.6980, 57.3530, 23.3770

Conversions

Conversions Part 2

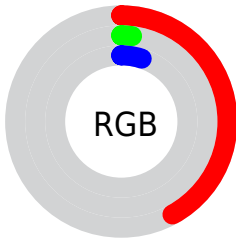
Format	Color
R_{YB}	106, 6, 13
Decimal	6948365
CIE Lab	20.92, 40.86, 26.30
CIE LCh	21, 48.592, 32.773
Yxy	3.2235, 0.6089, 0.3228
Android (android.graphics.Color)	4285138445 (0xFF6A060D)
YUV	36.6980, -11.6831, 60.7779
Hunter-Lab	17.9541, 29.0442, 10.3142

Details

The YUV color **36.6980, -11.6831, 60.7779** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **75.3020, 11.6831, -60.7779**, and the grayscale version is **37.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **92.9880, -18.2351, 62.2775**, and **15.6620, -7.2284, 31.8684** is the 20% darker color. If you saturate the color by 10%, you get **32.4920, -12.5676, 64.4665**, and if you desaturate by 10%, it is **44.2950, -10.4984, 54.1153**.

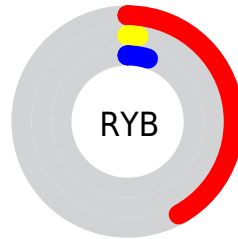
Distribution



Red (42%)

Green (2%)

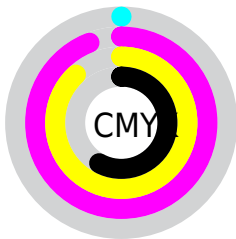
Blue (5%)



Red (42%)

Yellow (2%)

Blue (5%)

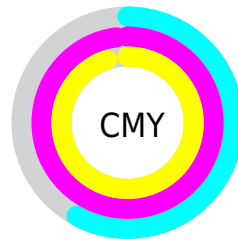


Cyan (0%)

Magenta (94%)

Yellow (88%)

Black (58%)



Cyan (58%)

Magenta (98%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the YUV color 36.6980, -11.6831, 60.7779 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 36.6980, -11.6831, 60.7779 by changing the saturation by 10% instead.

36.6980, -11.6831,
60.7779

36.6980, -11.6831,
60.7779

252.9480, -7.8624,
1.7996

23.3220, -11.4977,
47.9526

92.9880, -18.2351,
62.2775

15.6620, -7.2284,
31.8684

119.2550,
-19.8457, 65.5514

1.1960, -0.5896,
2.4591

146.8100,
-21.5983, 67.6956


0.0000, 0.0000,
0.0000


173.8920,
-22.6248, 70.2547


193.0040,
-19.2290, 54.3705


212.5180,


-15.5384, 37.2567


 232.7330,
-11.7004, 19.5282


 36.6980, -11.6831,
60.7779


 36.6980, -11.6831,
60.7779


 32.4920, -12.5676,
64.4665

 44.2950, -10.4984,
54.1153

 51.3050, -9.0244,
47.9675

 58.9020, -7.8397,
41.3049

 65.7980, -6.8024,
35.2572

 73.3950, -5.6177,
28.5946

■ 80.9920, -4.4331,
21.9320

■ 88.0020, -2.9590,
15.7842

■ 95.5990, -1.7743,
9.1217

■ 102.6090, -0.3002,
2.9739

Harmonies

Analogous

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



38.4760, 5.1883, 62.7265



36.6980, -11.6831, 60.7779



46.8570, -23.1005, 36.0824

Triad

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



36.6980, -11.6831, 60.7779



38.5770, -12.1165, -33.8320



45.7200, 38.0990, -40.0964

Complementary

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



36.6980, -11.6831, 60.7779



75.3020, 11.6831, -60.7779

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.



49.5040, 32.2895, -43.4150



36.6980, -11.6831, 60.7779



44.1970, 4.3399, -38.7608

Square

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



36.6980, -11.6831, 60.7779



41.2110, -20.3170, -16.8480



48.3010, 20.0646, -42.3600



49.8990, 30.1228, -1.6654

Rectangle

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



36.6980, -11.6831, 60.7779



47.9320, -23.6305, 19.3536



48.3010, 20.0646, -42.3600



47.9540, 36.5047, -42.0557

Sweetspot

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



36.6980, -11.6831, 60.7779



111.0030, -4.4385, 23.6764



44.9080, 30.1184, 46.5617



52.4040, -2.6642, 14.5547



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.



36.6980, -11.6831, 60.7779



42.4020, -15.9742, 83.8394



60.5540, -26.8951, 39.8561



49.9080, -0.4476, 3.5887



35.8950, -13.7522, 71.1291



75.1930, -28.6891, 148.9207

Inverse Universe

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



36.6980, -11.6831, 60.7779



42.4020, -15.9742, 83.8394



51.4460, 26.8951, -39.8561



49.9080, -0.4476, 3.5887



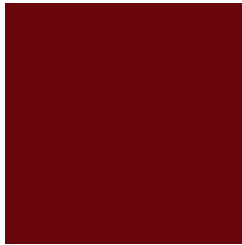
35.8950, -13.7522, 71.1291



75.1930, -28.6891, 148.9207

Previews

White Background



This preview shows how the YUV color 36.6980, -11.6831, 60.7779 looks on a white background.

Color Contrast Check

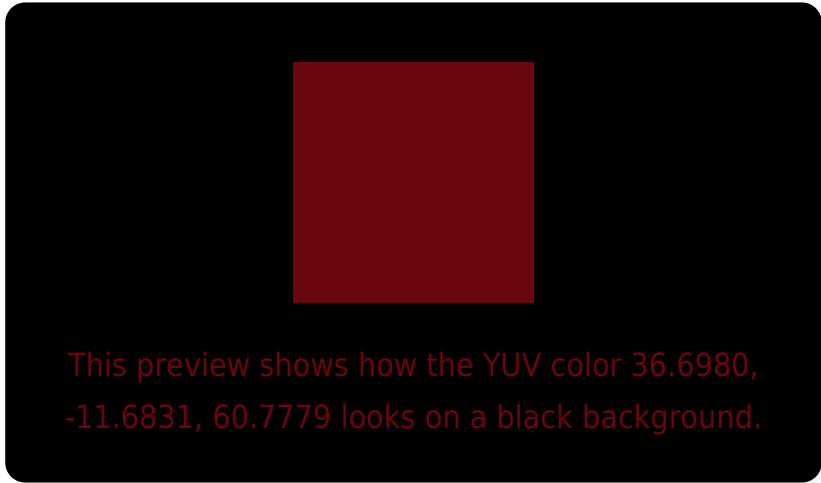
Large Text (above 18pt) WCAG AA ✓ Pass

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

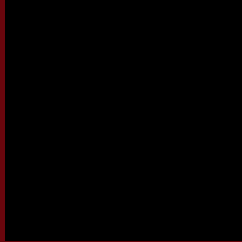
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 36.6980, -11.6831, 60.7779

Background



This preview shows how black text looks on a background with the YUV color 36.6980, -11.6831, 60.7779.



This preview shows how white text looks on a background with the YUV color 36.6980, -11.6831,

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

36.6980, -11.6831, 60.7779

Protanopia

52.1460, -14.8620, 6.8880

Deuteranopia

50.2690, -24.7826, 15.5501



Tritanopia

36.9770, -18.2297, 60.5332

Trichromacy



Original Color

36.6980, -11.6831, 60.7779

Protanomaly

46.9080, -13.7586, 26.3907

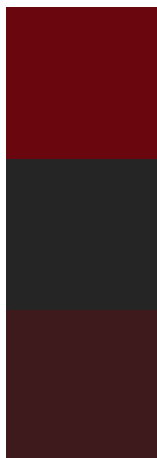
Deuteranomaly

45.6330, -20.0321, 31.8939

Tritanomaly

36.9600, -15.7563, 60.5481

Monochromacy



Original Color

36.6980, -11.6831, 60.7779

Achromatopsia

37.0000, 0.0000, 0.0000

Achromatomaly

36.9920, -4.4331, 21.9320

CSS Examples

Text

The CSS property to change the color of the text to YUV 36.6980, -11.6831, 60.7779 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(106, 6, 13)` looks like.

```
.text, #text, p{  
    color:rgb(106, 6, 13)  
}
```

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(106, 6, 13) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 6, 13) }
```

Border

The CSS property to change the border of an element to YUV 36.6980, -11.6831, 60.7779 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(106, 6, 13) }
```


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

```
.border{ border-color:rgb(106, 6, 13) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 6, 13)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 6, 13); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 6, 13);  
box-shadow:4px 4px 4px 4px rgb(106, 6, 13)  
}
```

Background

The CSS property to change the background color of an element to YUV 36.6980, -11.6831, 60.7779 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 6, 13) }
```

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

```
.background{ background-color: rgb(106, 6,  
13) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor