

Converting Colors

YUV(37.9070, -18.6882,
67.6106)

Have a look what the booklet for
YUV(37.9070, -18.6882, 67.6106)
contains.

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Color

**YUV(37.9070, -18.6882,
67.6106)**

Conversions

Conversions Part 1

Format	Color
Hex	730600
RGB	115, 6, 0
RGB Percent	45%, 2%, 0%
CMY	0.5490, 0.9765, 1.0000
CMYK	0.00, 0.95, 1.00, 0.55
HSL	3°, 100%, 23%
HSV	3°, 100%, 45%
XYZ	7.1354, 3.7751, 0.3526
YIQ	37.9070, 66.8900, 21.2420

Conversions

Conversions Part 2

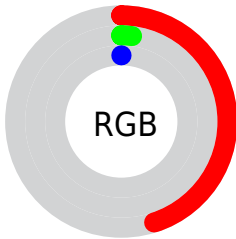
Format	Color
R_{YB}	115, 6, 0
Decimal	7538176
CIE _{Lab}	22.91, 43.19, 34.46
CIE _{LCh}	23, 55.258, 38.584
Yxy	3.7751, 0.6335, 0.3352
Android (android.graphics.Color)	4285728256 (0xFF730600)
YUV	37.9070, -18.6882, 67.6106
Hunter-Lab	19.4296, 31.5509, 12.5248

Details

The YUV color **37.9070, -18.6882, 67.6106** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **77.0930, 18.6882, -67.6106**, and the grayscale version is **38.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **96.1260, -24.2191, 68.2955**, and **17.4560, -8.1128, 35.5571** is the 20% darker color. If you saturate the color by 10%, you get **37.9070, -18.6882, 67.6106**, and if you desaturate by 10%, it is **45.6180, -17.0667, 60.8480**.

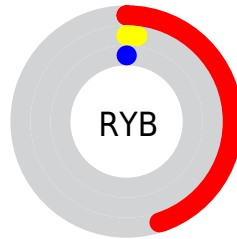
Distribution



Red (45%)

Green (2%)

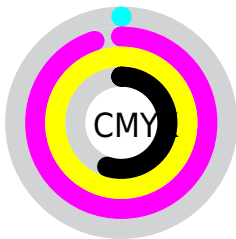
Blue (0%)



Red (45%)

Yellow (2%)

Blue (0%)

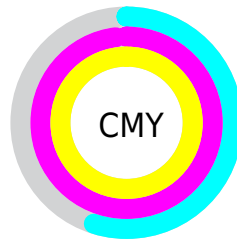


Cyan (0%)

Magenta (95%)

Yellow (100%)

Black (55%)



Cyan (55%)


Magenta (98%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the YUV color 37.9070, -18.6882, 67.6106 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 37.9070, -18.6882, 67.6106 by changing the saturation by 10% instead.


 37.9070, -18.6882,
67.6106


 37.9070, -18.6882,
67.6106


 251.6940,
-12.6671, 2.8994


 25.7140, -12.6770,
52.8708


 96.1260, -24.2191,
68.2955


 17.4560, -8.1128,
35.5571


 123.1650,
-26.7033, 71.7693

 7.5890, -3.2484,
15.2694

 150.1330,
-28.1666, 74.4284


 0.0000, 0.0000,
0.0000


 174.8120,
-28.0083, 70.3249


 193.6250,
-24.4651, 53.8259


 213.1390,


-20.7745, 36.7121


 233.2400,
-17.3733, 19.0835


 37.9070, -18.6882,
67.6106

 45.6180, -17.0667,
60.8480

 53.4430, -15.0084,
53.9855

 61.2680, -12.9501,
47.1230

 68.9790, -11.3286,
40.3604

 76.8040, -9.2704,
33.4979

■ 83.9280, -7.3595,
27.2501

■ 91.7530, -5.3012,
20.3876

■ 99.4640, -3.6798,
13.6251

■ 107.2890, -1.6215,
6.7625

Harmonies

Analogous

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



41.9070, 1.5248, 71.1186



37.9070, -18.6882, 67.6106



51.2760, -25.2791, 34.8379

Triad

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



37.9070, -18.6882, 67.6106



43.0110, -10.3584, -37.7206



49.1910, 43.7828, -43.1405

Complementary

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



37.9070, -18.6882, 67.6106



77.0930, 18.6882, -67.6106

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.



54.4910, 38.7049, -47.7886



37.9070, -18.6882, 67.6106



49.2010, 8.2819, -43.1493

Square

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



37.9070, -18.6882, 67.6106



38.4540, -18.9578, -32.8472



53.7610, 25.7538, -47.1484



54.5460, 32.2688, 10.0452

Rectangle

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



37.9070, -18.6882, 67.6106



52.0410, -25.6562, 15.7500



53.7610, 25.7538, -47.1484



51.6530, 43.0621, -45.2997

Sweetspot

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



37.9070, -18.6882, 67.6106



120.2160, -7.5015, 26.1206



46.8110, 30.6592, 59.8018



57.9590, -4.4168, 16.6990



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



37.9070, -18.6882, 67.6106



49.5460, -24.4262, 88.0982



71.3660, -35.1834, 38.2670



54.7940, -0.8844, 3.6887



40.0000, -19.7200, 71.9140



82.3810, -40.6138, 147.0019

Inverse Universe

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



77.0930, 18.6882, -67.6106



101.0410, 24.1368, -88.6130



43.6340, 35.1834, -38.2670



56.6190, 1.1738, -3.1739



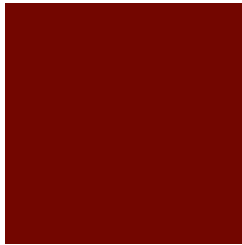
82.0000, 19.7200, -71.9140



167.6190, 40.6138, -147.0019

Previews

White Background



This preview shows how the YUV color 37.9070, -18.6882, 67.6106 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

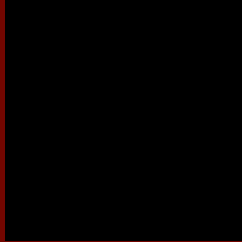
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 37.9070, -18.6882, 67.6106

Background



This preview shows how black text looks on a background with the YUV color 37.9070, -18.6882, 67.6106.



This preview shows how white text looks on a background with the YUV color 37.9070, -18.6882,

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



Protanopia

55.1910, -19.8142, 8.6025

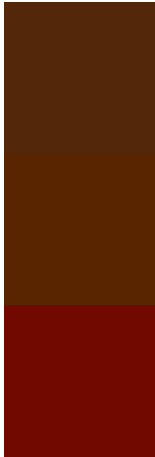
Deuteranopia

54.1120, -26.6772, 16.5648

Tritanopia

39.9560, -19.6983, 64.9366

Trichromacy



Protanomaly

48.8500, -19.1530, 29.9496

Deuteranomaly

48.0310, -23.6793, 35.0528

Tritanomaly

39.3690, -19.4089, 65.4514

Monochromacy



Achromatopsia

38.0000, 0.0000, 0.0000

Achromatomaly

37.7320, -6.7699, 24.7910

CSS Examples

Text

The CSS property to change the color of the text to YUV 37.9070, -18.6882, 67.6106 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(115, 6, 0)` looks like.

```
.text, #text, p{  
    color:rgb(115, 6, 0)  
}
```

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(115, 6, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 6, 0) }
```

Border

The CSS property to change the border of an element to YUV 37.9070, -18.6882, 67.6106 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(115, 6, 0) }
```

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

```
.border{ border-color:rgb(115, 6, 0) }
```

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

Here you see how a box with a 4 pixel rgb(115, 6, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 6, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(115, 6, 0); box-shadow:4px  
4px 4px 4px rgb(115, 6, 0) }
```


Background

The CSS property to change the background color of an element to YUV 37.9070, -18.6882, 67.6106 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 6, 0) }
```

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

```
.background{ background-color: rgb(115, 6,  
0) }
```

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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