

Converting Colors

YUV(37.8960, -18.6827,
65.8662)

Have a look what the booklet for
YUV(37.8960, -18.6827, 65.8662)
contains.

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Color

**YUV(37.8960, -18.6827,
65.8662)**

Conversions

Conversions Part 1

Format	Color
Hex	710700
RGB	113, 7, 0
RGB Percent	44%, 3%, 0%
CMY	0.5569, 0.9725, 1.0000
CMYK	0.00, 0.94, 1.00, 0.56
HSL	4°, 100%, 22%
HSV	4°, 100%, 44%
XYZ	6.8860, 3.6627, 0.3440
YIQ	37.8960, 65.4230, 20.2950

Conversions

Conversions Part 2

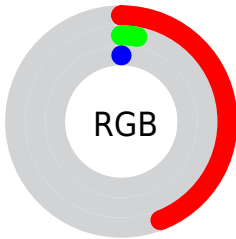
Format	Color
R_{YB}	113, 7, 0
Decimal	7407360
CIE Lab	22.52, 42.39, 33.91
CIE LCh	23, 54.287, 38.660
Yxy	3.6627, 0.6322, 0.3362
Android (android.graphics.Color)	4285597440 (0xFF710700)
YUV	37.8960, -18.6827, 65.8662
Hunter-Lab	19.1381, 30.7340, 12.3309

Details

The YUV color **37.8960, -18.6827, 65.8662** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **75.1040, 18.6827, -65.8662**, and the grayscale version is **38.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **95.5280, -23.9243, 67.0659**, and **17.1570, -7.9654, 34.9423** is the 20% darker color. If you saturate the color by 10%, you get **37.8960, -18.6827, 65.8662**, and if you desaturate by 10%, it is **45.6070, -17.0613, 59.1037**.

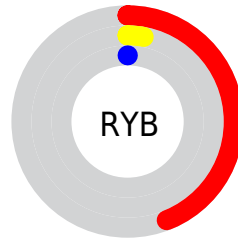
Distribution



Red (44%)

Green (3%)

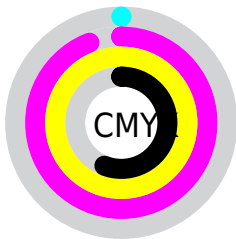
Blue (0%)



Red (44%)

Yellow (3%)

Blue (0%)

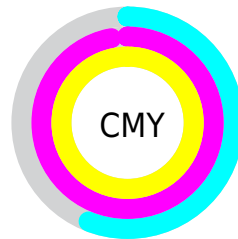


Cyan (0%)

Magenta (94%)

Yellow (100%)

Black (56%)



Cyan (56%)


Magenta (97%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the YUV color 37.8960, -18.6827, 65.8662 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 37.8960, -18.6827, 65.8662 by changing the saturation by 10% instead.


 37.8960, -18.6827,
65.8662


 37.8960, -18.6827,
65.8662


 251.6940,
-12.6671, 2.8994


 25.1160, -12.3822,
51.6413

 95.5280, -23.9243,
67.0659

 17.1570, -7.9654,
34.9423


 122.2680,
-26.2611, 69.9250

 6.5780, -3.2430,
13.5251

 149.5350,
-27.8718, 73.1988


 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


 37.8960, -18.6827,
65.8662

 45.6070, -17.0613,
59.1037

 52.8450, -14.7136,
52.7559

 60.5560, -13.0921,
45.9934

 67.6800, -11.1812,
39.7456

 75.5050, -9.1230,
32.8831

■ 83.2160, -7.5015,
26.1206

■ 90.3400, -5.5906,
19.8728

■ 98.0510, -3.9691,
13.1103

■ 105.2890, -1.6215,
6.7625

Harmonies

Analogous

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



41.1950, 1.3829, 69.9890



37.8960, -18.6827, 65.8662



50.3900, -24.8423, 34.7380

Triad

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



37.8960, -18.6827, 65.8662



42.4240, -10.0690, -37.2058



48.2620, 42.7618, -42.3258

Complementary

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



37.8960, -18.6827, 65.8662



75.1040, 18.6827, -65.8662

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.



53.5620, 37.6839, -46.9739



37.8960, -18.6827, 65.8662



48.5000, 8.1345, -42.5345

Square

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



37.8960, -18.6827, 65.8662



38.1660, -18.8158, -31.7176



52.9460, 25.1696, -46.4336



53.4320, 31.8320, 10.1451

Rectangle

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



37.8960, -18.6827, 65.8662



51.1550, -25.2194, 15.6501



52.9460, 25.1696, -46.4336



50.7240, 42.0411, -44.4849

Sweetspot

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



37.8960, -18.6827, 65.8662



118.3300, -7.0647, 26.0206



45.9850, 30.0804, 58.7722



56.2470, -4.5588, 15.5694



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000

Same Dimension

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



37.8960, -18.6827, 65.8662



49.5350, -24.4208, 86.3538



70.1810, -34.5992, 37.5523



52.3810, -1.1738, 3.1739



39.9890, -19.7146, 70.1696



82.6580, -40.7504, 144.1279

Inverse Universe

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



75.1040, 18.6827, -65.8662



98.4650, 24.4208, -86.3538



42.8190, 34.5992, -37.5523



54.2060, 0.8844, -3.6887



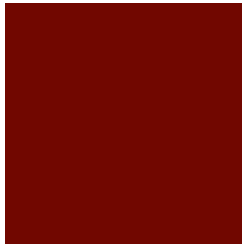
79.4240, 20.0040, -69.6548



164.3420, 40.7504, -144.1279

Previews

White Background



This preview shows how the YUV color 37.8960, -18.6827, 65.8662 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

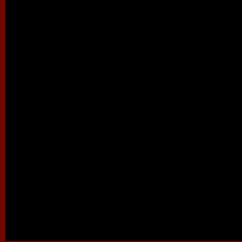
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 37.8960, -18.6827, 65.8662

Background



This preview shows how black text looks on a background with the YUV color 37.8960, -18.6827, 65.8662.



This preview shows how white text looks on a background with the YUV color 37.8960, -18.6827,

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

37.8960, -18.6827, 65.8662

Protanopia

54.3050, -19.3774, 8.5025

Deuteranopia

53.2260, -26.2404, 16.4648



Tritanopia

39.6570, -19.5509, 64.3218

Trichromacy



Original Color

37.8960, -18.6827, 65.8662

Protanomaly

48.5510, -19.0056, 29.3348

Deuteranomaly

47.7320, -23.5319, 34.4380

Tritanomaly

39.0700, -19.2615, 64.8366

Monochromacy



Original Color

37.8960, -18.6827, 65.8662

Achromatopsia

38.0000, 0.0000, 0.0000

Achromatomaly

38.0200, -6.9119, 23.6615

CSS Examples

Text

The CSS property to change the color of the text to YUV 37.8960, -18.6827, 65.8662 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(113, 7, 0)` looks like.

```
.text, #text, p{  
    color:rgb(113, 7, 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(113, 7, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 7, 0) }
```

Border

The CSS property to change the border of an element to YUV 37.8960, -18.6827, 65.8662 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(113, 7, 0) }
```


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

```
.border{ border-color:rgb(113, 7, 0) }
```

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

Here you see how a box with a 4 pixel rgb(113, 7, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 7, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(113, 7, 0); box-shadow:4px  
4px 4px 4px rgb(113, 7, 0) }
```

Background

The CSS property to change the background color of an element to YUV 37.8960, -18.6827, 65.8662 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 7, 0) }
```

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

```
.background{ background-color: rgb(113, 7,  
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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