

Converting Colors

YUV(37.8220, -6.3212, 67.6851)

Have a look what the booklet for
YUV(37.8220, -6.3212, 67.6851)
contains.

YUV(37.8220, -6.3212, 67.6851)	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(37.8220, -6.3212,
67.6851)**

Conversions

Conversions Part 1

Format	Color
Hex	730119
RGB	115, 1, 25
RGB Percent	45%, 0%, 10%
CMY	0.5490, 0.9961, 0.9020
CMYK	0.00, 0.99, 0.78, 0.55
HSL	347°, 98%, 23%
HSV	347°, 99%, 45%
XYZ	7.2566, 3.7367, 1.2585
YIQ	37.8220, 60.2400, 31.6320

Conversions

Conversions Part 2

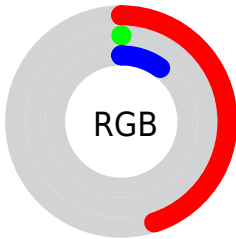
Format	Color
R_{YB}	115, 1, 25
Decimal	7536921
CIE _{Lab}	22.78, 44.95, 21.64
CIE _{LCh}	23, 49.892, 25.711
Yxy	3.7367, 0.5923, 0.3050
Android (android.graphics.Color)	4285727001 (0xFF730119)
YUV	37.8220, -6.3212, 67.6851
Hunter-Lab	19.3306, 33.1788, 9.6714

Details

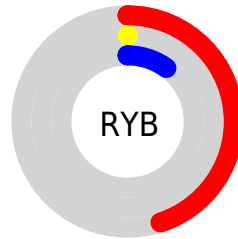
The YUV color **37.8220, -6.3212, 67.6851** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **78.1780, 6.3212, -67.6851**, and the grayscale version is **38.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **97.0470, -14.3202, 66.6108**, and **17.7550, -8.2602, 36.1719** is the 20% darker color. If you saturate the color by 10%, you get **37.1210, -6.4687, 68.2999**, and if you desaturate by 10%, it is **45.3050, -5.5734, 61.1225**.

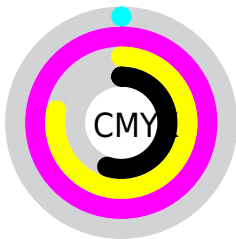
Distribution



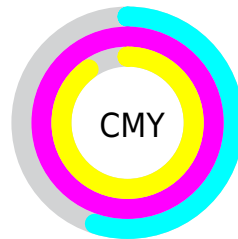
- Red (45%)
- Green (0%)
- Blue (10%)



- Red (45%)
- Yellow (0%)
- Blue (10%)



- Cyan (0%)
- Magenta (99%)
- Yellow (78%)
- Black (55%)



- Cyan (55%)
- Magenta (100%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the YUV color 37.8220, -6.3212, 67.6851 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 37.8220, -6.3212, 67.6851 by changing the saturation by 10% instead.

■ 37.8220, -6.3212,
67.6851

■ 37.8220, -6.3212,
67.6851

■ 254.6580, -1.3104,
0.2999

■ 26.0130, -12.8244,
53.4856

■ 97.0470, -14.3202,
66.6108

■ 17.7550, -8.2602,
36.1719

■ 123.9010,
-16.2202, 69.3698

■ 8.1870, -3.5432,
16.4990

■ 151.5700,
-17.5360, 71.4141


■ 0.0000, 0.0000,
0.0000


■ 176.8470,
-17.6726, 68.5402


■ 195.7740,
-13.6926, 51.9412


■ 215.2880,


-10.0020, 34.8274


 235.5030, -6.1640,
17.0989


 37.8220, -6.3212,
67.6851


 37.8220, -6.3212,
67.6851


 37.1210, -6.4687,
68.2999

 45.3050, -5.5734,
61.1225

 53.3750, -5.1149,
54.0451

 60.8580, -4.3670,
47.4825

 68.9280, -3.9085,
40.4051

 76.9980, -3.4500,
33.3278

■ 84.4810, -2.7021,
26.7652

■ 92.6650, -1.8068,
19.5878

■ 100.1480, -1.0590,
13.0252

■ 108.2180, -0.6005,
5.9478

Harmonies

Analogous

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



41.3390, 9.6929, 64.6007



37.8220, -6.3212, 67.6851



48.9720, -24.1432, 43.8746

Triad

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



37.8220, -6.3212, 67.6851



39.8990, -17.2052, -34.9914



50.6270, 39.1309, -44.3999

Complementary

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



37.8220, -6.3212, 67.6851



78.1780, 6.3212, -67.6851

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.



53.1400, 30.9900, -46.6038



37.8220, -6.3212, 67.6851



45.9750, 0.9983, -40.3201

Square

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



37.8220, -6.3212, 67.6851



46.8700, -23.1069, -8.6560



50.8940, 17.3073, -44.6340



50.8800, 35.5552, -17.4348

Rectangle

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



37.8220, -6.3212, 67.6851



51.5200, -25.3994, 26.7310



50.8940, 17.3073, -44.6340



52.0460, 36.9523, -45.6443

Sweetspot

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



37.8220, -6.3212, 67.6851



119.5950, -2.2653, 26.6652



40.6070, 36.6757, 43.3177



58.0560, -1.5066, 16.6139



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.



37.8220, -6.3212, 67.6851



48.4980, -8.1335, 89.0173



53.8700, -26.0649, 53.6110



54.9080, -0.4476, 3.5887



39.4420, -6.6269, 72.4034



80.7920, -13.7015, 148.3954

Inverse Universe

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



37.8220, -6.3212, 67.6851



48.4980, -8.1335, 89.0173



62.1300, 26.0649, -53.6110



54.9080, -0.4476, 3.5887



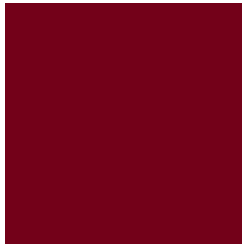
39.4420, -6.6269, 72.4034



80.7920, -13.7015, 148.3954

Previews

White Background



This preview shows how the YUV color 37.8220, -6.3212, 67.6851 looks on a white background.

Color Contrast Check

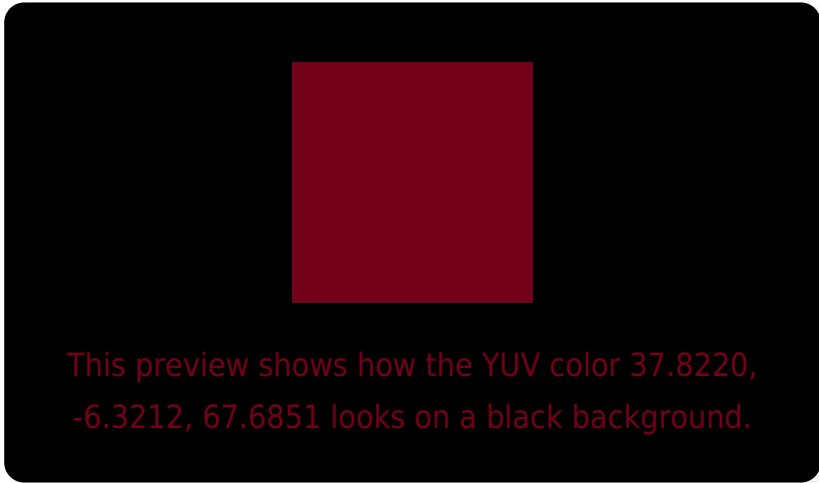
Large Text (above 18pt) WCAG AA ✓ Pass

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

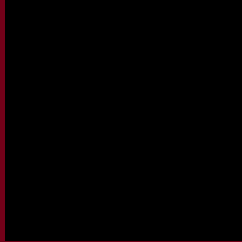
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 37.8220, -6.3212, 67.6851

Background



This preview shows how black text looks on a background with the YUV color 37.8220, -6.3212, 67.6851.



This preview shows how white text looks on a background with the YUV color 37.8220, -6.3212,

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

37.8220, -6.3212, 67.6851

Protanopia

57.2150, -9.4730, 5.0734

Deuteranopia

56.0500, -19.2516, 14.8652



Tritanopia

41.2980, -18.3879, 64.6367

Trichromacy



Original Color

37.8220, -6.3212, 67.6851

Protanomaly

49.9990, -8.3805, 28.0649

Deuteranomaly

49.1370, -14.3645, 34.0829

Tritanomaly

39.8620, -13.7360, 65.8960

Monochromacy



Original Color

37.8220, -6.3212, 67.6851

Achromatopsia

38.0000, 0.0000, 0.0000

Achromatomaly

38.1710, -2.5493, 24.4060

CSS Examples

Text

The CSS property to change the color of the text to YUV 37.8220, -6.3212, 67.6851 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, 1, 25)` looks like.

```
.text, #text, p{  
    color:rgb(115, 1, 25)  
}
```

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, 1, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 1, 25) }
```

Border

The CSS property to change the border of an element to YUV 37.8220, -6.3212, 67.6851 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, 1, 25) }
```


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

```
.border{ border-color:rgb(115, 1, 25) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 1, 25)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 1, 25); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 1, 25);  
box-shadow:4px 4px 4px 4px rgb(115, 1, 25)  
}
```

Background

The CSS property to change the background color of an element to YUV 37.8220, -6.3212, 67.6851 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 1, 25) }
```

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

```
.background{ background-color: rgb(115, 1,  
25) }
```

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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