

Converting Colors

YUV(37.2350, -6.0319, 68.1999)

Have a look what the booklet for
YUV(37.2350, -6.0319, 68.1999)
contains.

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Color

**YUV(37.2350, -6.0319,
68.1999)**

Conversions

Conversions Part 1

Format	Color
Hex	730019
RGB	115, 0, 25
RGB Percent	45%, 0%, 10%
CMY	0.5490, 1.0000, 0.9020
CMYK	0.00, 1.00, 0.78, 0.55
HSL	347°, 100%, 23%
HSV	347°, 100%, 45%
XYZ	7.2457, 3.7150, 1.2549
YIQ	37.2350, 60.5150, 32.1550

Conversions

Conversions Part 2

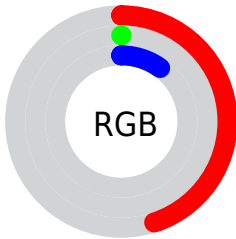
Format	Color
RYB	115, 0, 25
Decimal	7536665
CIELab	22.71, 45.17, 21.56
CIELCh	23, 50.052, 25.513
Yxy	3.7150, 0.5932, 0.3041
Android (android.graphics.Color)	4285726745 (0xFF730019)
YUV	37.2350, -6.0319, 68.1999
Hunter-Lab	19.2744, 33.3721, 9.6319

Details

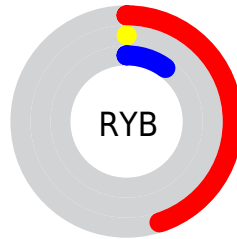
The YUV color **37.2350, -6.0319, 68.1999** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **77.7650, 6.0319, -68.1999**, and the grayscale version is **37.0000, 0.0000, 0.0000**.

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 **37.2350, -6.0319, 68.1999**, and if you desaturate by 10%, it is **44.7180, -5.2840, 61.6373**.

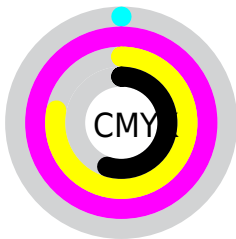
Distribution



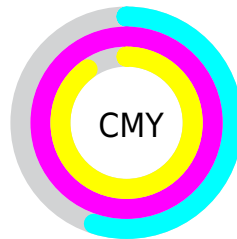
- Red (45%)
- Green (0%)
- Blue (10%)



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



- Cyan (0%)
- Magenta (100%)
- Yellow (78%)
- Black (55%)



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

Brightness & Saturation Gradients

These gradients show how the YUV color 37.2350, -6.0319, 68.1999 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 37.2350, -6.0319, 68.1999 by changing the saturation by 10% instead.

■ 37.2350, -6.0319,
68.1999

■ 37.2350, -6.0319,
68.1999

■ 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

■ 150.9830,
-17.2466, 71.9289

■ 0.0000, 0.0000,
0.0000

■ 176.2600,
-17.3832, 69.0550

■ 195.7740,
-13.6926, 51.9412

■ 215.2880,

-10.0020, 34.8274

■ 235.5030, -6.1640,
17.0989

■ 37.2350, -6.0319,
68.1999

■ 44.7180, -5.2840,
61.6373

■ 52.7880, -4.8255,
54.5599

■ 60.8580, -4.3670,
47.4825

■ 68.3410, -3.6191,
40.9199

■ 76.4110, -3.1606,
33.8426

■ 83.8940, -2.4127,
27.2800

■ 91.9640, -1.9543,
20.2026

■ 99.4470, -1.2064,
13.6400

■ 107.5170, -0.7479,
6.5626

Harmonies

Analogous

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



41.1540, 10.2771, 63.8859



37.2350, -6.0319, 68.1999



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.



37.2350, -6.0319, 68.1999



39.7850, -17.6420, -34.8914



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.



37.2350, -6.0319, 68.1999



77.7650, 6.0319, -68.1999

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



37.2350, -6.0319, 68.1999



45.8610, 0.5615, -40.2201

Square

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



37.2350, -6.0319, 68.1999



46.8700, -23.1069, -8.6560



50.3070, 17.5966, -44.1192



50.2820, 35.8500, -18.6643

Rectangle

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



37.2350, -6.0319, 68.1999



51.5200, -25.3994, 26.7310



50.3070, 17.5966, -44.1192



52.0460, 36.9523, -45.6443

Sweetspot

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



37.2350, -6.0319, 68.1999



119.5950, -2.2653, 26.6652



39.4220, 37.2600, 42.6029



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.



37.2350, -6.0319, 68.1999



48.6120, -7.6967, 88.9173



52.5820, -25.9229, 54.7406



54.9080, -0.4476, 3.5887



39.5560, -6.1901, 72.3034



80.9060, -13.2647, 148.2954

Inverse Universe

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



37.2350, -6.0319, 68.1999



48.6120, -7.6967, 88.9173



62.4180, 25.9229, -54.7406



54.9080, -0.4476, 3.5887



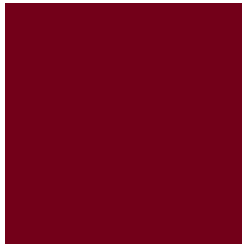
39.5560, -6.1901, 72.3034



80.9060, -13.2647, 148.2954

Previews

White Background



This preview shows how the YUV color 37.2350, -6.0319, 68.1999 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

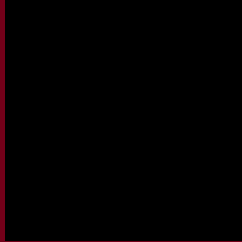
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 37.2350, -6.0319, 68.1999

Background



This preview shows how black text looks on a background with the YUV color 37.2350, -6.0319, 68.1999.



This preview shows how white text looks on a background with the YUV color 37.2350, -6.0319,

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

37.2350, -6.0319, 68.1999

Protanopia

57.2150, -9.4730, 5.0734

Deuteranopia

56.0500, -19.2516, 14.8652



Tritanopia

41.2980, -18.3879, 64.6367

Trichromacy



Original Color

37.2350, -6.0319, 68.1999

Protanomaly

49.9990, -8.3805, 28.0649

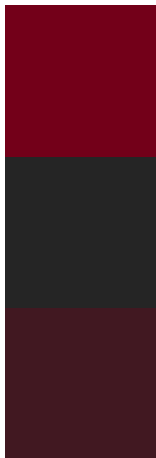
Deuteranomaly

49.1370, -14.3645, 34.0829

Tritanomaly

39.8620, -13.7360, 65.8960

Monochromacy



Original Color

37.2350, -6.0319, 68.1999

Achromatopsia

37.0000, 0.0000, 0.0000

Achromatomaly

37.2850, -2.1125, 24.3061

CSS Examples

Text

The CSS property to change the color of the text to YUV 37.2350, -6.0319, 68.1999 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, 0, 25)` looks like.

```
.text, #text, p{  
    color:rgb(115, 0, 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, 0, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 0, 25) }
```

Border

The CSS property to change the border of an element to YUV 37.2350, -6.0319, 68.1999 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, 0, 25) }
```


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

```
.border{ border-color:rgb(115, 0, 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, 0, 25) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 0, 25); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 0, 25);  
box-shadow:4px 4px 4px 4px rgb(115, 0, 25)  
}
```

Background

The CSS property to change the background color of an element to YUV 37.2350, -6.0319, 68.1999 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 0, 25) }
```

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

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