

Converting Colors

YUV(37.5060, -7.1515, 53.9302)

Have a look what the booklet for
YUV(37.5060, -7.1515, 53.9302)
contains.

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Color

**YUV(37.5060, -7.1515,
53.9302)**

Conversions

Conversions Part 1

Format	Color
Hex	630917
RGB	99, 9, 23
RGB Percent	39%, 4%, 9%
CMY	0.6118, 0.9647, 0.9098
CMYK	0.00, 0.91, 0.77, 0.61
HSL	351°, 83%, 21%
HSV	351°, 91%, 39%
XYZ	5.3979, 2.9099, 1.0878
YIQ	37.5060, 49.1460, 23.4340

Conversions

Conversions Part 2

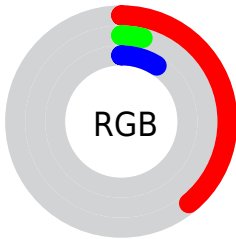
Format	Color
R_{YB}	99, 9, 23
Decimal	6490391
CIE Lab	19.68, 38.40, 18.44
CIE LCh	20, 42.599, 25.652
Yxy	2.9099, 0.5745, 0.3097
Android (android.graphics.Color)	4284680471 (0xFF630917)
YUV	37.5060, -7.1515, 53.9302
Hunter-Lab	17.0584, 26.6321, 8.1601

Details

The YUV color **37.5060, -7.1515, 53.9302** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **70.4940, 7.1515, -53.9302**, and the grayscale version is **38.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **91.4370, -12.5404, 55.7448**, and **14.5800, -6.2019, 29.3093** is the 20% darker color. If you saturate the color by 10%, you get **31.3110, -8.0413, 59.3633**, and if you desaturate by 10%, it is **44.2880, -6.5510, 47.9824**.

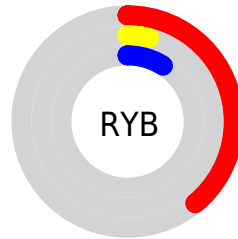
Distribution



Red (39%)

Green (4%)

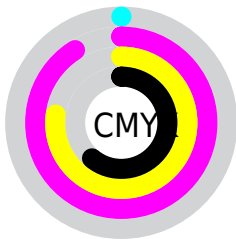
Blue (9%)



Red (39%)

Yellow (4%)

Blue (9%)

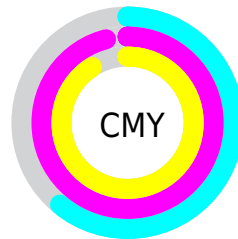


Cyan (0%)

Magenta (91%)

Yellow (77%)

Black (61%)



Cyan (61%)

Magenta (96%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the YUV color 37.5060, -7.1515, 53.9302 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 37.5060, -7.1515, 53.9302 by changing the saturation by 10% instead.

■ 37.5060, -7.1515,
53.9302

■ 37.5060, -7.1515,
53.9302

■ 253.7290, -2.3314,
1.1147

■ 21.5280, -10.6133,
44.2639

■ 91.4370, -12.5404,
55.7448

■ 14.5800, -6.2019,
29.3093

■ 117.4050,
-14.0037, 58.4038

■ 0.0000, 0.0000,
0.0000

■ 144.3730,
-15.4669, 61.0629


■ 172.1560,
-16.3459, 63.0072


■ 194.2580,
-14.4242, 53.2707


■ 213.7720,


-10.7336, 36.1570


 233.4000, -6.6062,
18.9432


 37.5060, -7.1515,
53.9302


 37.5060, -7.1515,
53.9302

 31.3110, -8.0413,
59.3633

 44.2880, -6.5510,
47.9824

 51.1840, -5.5137,
41.9346

 57.9660, -4.9132,
35.9868

 64.7480, -4.3128,
30.0390

 71.6440, -3.2755,
23.9912

■ 77.8390, -2.3856,
18.5582

■ 84.7350, -1.3484,
12.5104

■ 91.5170, -0.7479,
6.5626

■ 98.2990, -0.1474,
0.6148

Harmonies

Analogous

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



36.0450, 8.8518, 54.3345



37.5060, -7.1515, 53.9302



43.3240, -21.3587, 37.4269

Triad

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



37.5060, -7.1515, 53.9302



34.8440, -13.7271, -30.5582



43.6510, 32.7101, -38.2819

Complementary

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



37.5060, -7.1515, 53.9302



70.4940, 7.1515, -53.9302

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.



45.9190, 26.1689, -40.2710



37.5060, -7.1515, 53.9302



40.0080, 0.9821, -35.0870

Square

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



37.5060, -7.1515, 53.9302



41.8640, -20.6390, -6.8967



44.2430, 14.6702, -38.8011



45.1920, 28.9923, -12.4464

Rectangle

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



37.5060, -7.1515, 53.9302



45.5950, -22.4783, 23.1572



44.2430, 14.6702, -38.8011



45.2980, 31.4051, -39.7263

Sweetspot

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



37.5060, -7.1515, 53.9302



104.0350, -2.9753, 21.0173



41.6850, 28.2563, 37.1103



49.7350, -1.3484, 12.5104



191.0000, 0.0000, 0.0000



64.0000, 0.0000, 0.0000

Same Dimension

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



37.5060, -7.1515, 53.9302



40.5520, -10.1321, 76.6919



53.5200, -21.9484, 39.8860



45.1960, -0.5896, 2.4591



35.4260, -9.0840, 67.1554



75.9780, -19.2162, 143.8473

Inverse Universe

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



37.5060, -7.1515, 53.9302



40.5520, -10.1321, 76.6919



54.4800, 21.9484, -39.8860



45.1960, -0.5896, 2.4591



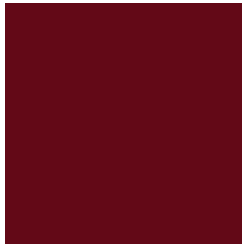
35.4260, -9.0840, 67.1554



75.9780, -19.2162, 143.8473

Previews

White Background



This preview shows how the YUV color 37.5060, -7.1515, 53.9302 looks on a white background.

Color Contrast Check

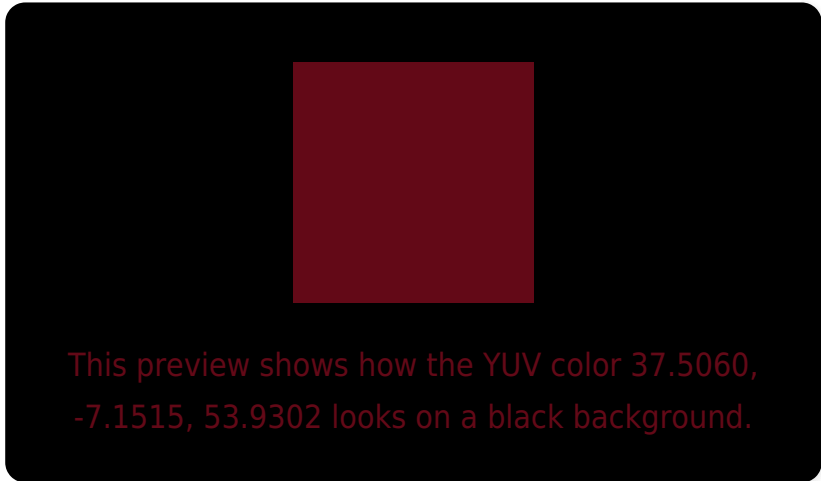
Large Text (above 18pt) WCAG AA ✓ Pass

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

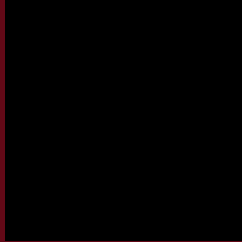
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 37.5060, -7.1515, 53.9302

Background



This preview shows how black text looks on a background with the YUV color 37.5060, -7.1515, 53.9302.

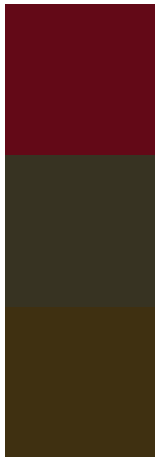


This preview shows how white text looks on a background with the YUV color 37.5060, -7.1515,

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

37.5060, -7.1515, 53.9302

Protanopia

50.2580, -8.0152, 4.1587

Deuteranopia

48.9510, -15.7518, 12.3210



Tritanopia

37.7850, -13.6980, 53.6856

Trichromacy



Original Color

37.5060, -7.1515, 53.9302

Protanomaly

45.7810, -7.7800, 22.1171

Deuteranomaly

44.8480, -12.7431, 27.3203

Tritanomaly

37.7680, -11.2246, 53.7005

Monochromacy



Original Color

37.5060, -7.1515, 53.9302

Achromatopsia

38.0000, 0.0000, 0.0000

Achromatomaly

37.5510, -2.2436, 19.6878

CSS Examples

Text

The CSS property to change the color of the text to YUV 37.5060, -7.1515, 53.9302 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(99, 9, 23)` looks like.

```
.text, #text, p{  
    color:rgb(99, 9, 23)  
}
```

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(99, 9, 23) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 9, 23) }
```

Border

The CSS property to change the border of an element to YUV 37.5060, -7.1515, 53.9302 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(99, 9, 23) }
```


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

```
.border{ border-color:rgb(99, 9, 23) }
```

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

Here you see how a box with a 4 pixel rgb(99, 9, 23) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 9, 23); -webkit-box-shadow:4px  
4px 4px 4px rgb(99, 9, 23); box-shadow:4px  
4px 4px 4px rgb(99, 9, 23) }
```

Background

The CSS property to change the background color of an element to YUV 37.5060, -7.1515, 53.9302 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 9, 23) }
```

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

```
.background{ background-color: rgb(99, 9,  
23) }
```

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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