

Converting Colors

YUV(37.7970, -15.1829,
63.3220)

Have a look what the booklet for
YUV(37.7970, -15.1829, 63.3220)
contains.

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Color

**YUV(37.7970, -15.1829,
63.3220)**

Conversions

Conversions Part 1

Format	Color
Hex	6E0707
RGB	110, 7, 7
RGB Percent	43%, 3%, 3%
CMY	0.5686, 0.9725, 0.9725
CMYK	0.00, 0.94, 0.94, 0.57
HSL	0°, 88%, 23%
HSV	0°, 94%, 43%
XYZ	6.5447, 3.4823, 0.5282
YIQ	37.7970, 61.3880, 21.8360

Conversions

Conversions Part 2

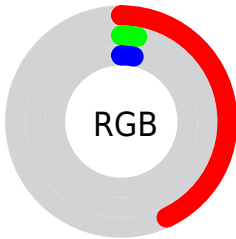
Format	Color
RYB	110, 7, 7
Decimal	7210759
CIELab	21.88, 41.66, 30.17
CIELCh	22, 51.437, 35.911
Yxy	3.4823, 0.6200, 0.3299
Android (android.graphics.Color)	4285400839 (0xFF6E0707)
YUV	37.7970, -15.1829, 63.3220
Hunter-Lab	18.6609, 29.9468, 11.3844

Details

The YUV color **37.7970, -15.1829, 63.3220** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **79.2030, 15.1829, -63.3220**, and the grayscale version is **38.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **94.5000, -21.4455, 65.3365**, and **16.5590, -7.6706, 33.7128** is the 20% darker color. If you saturate the color by 10%, you get **32.8900, -16.2148, 67.6255**, and if you desaturate by 10%, it is **45.5080, -13.5614, 56.5595**.

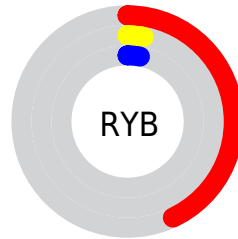
Distribution



Red (43%)

Green (3%)

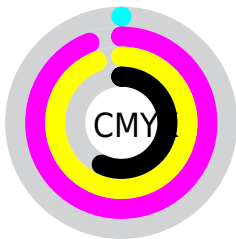
Blue (3%)



Red (43%)

Yellow (3%)

Blue (3%)

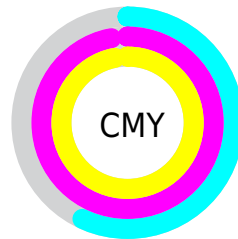


Cyan (0%)

Magenta (94%)

Yellow (94%)

Black (57%)



Cyan (57%)


Magenta (97%)


Yellow (97%)

Brightness & Saturation Gradients


These gradients show how the YUV color 37.7970, -15.1829, 63.3220 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 37.7970, -15.1829, 63.3220 by changing the saturation by 10% instead.

 37.7970, -15.1829,
63.3220


 37.7970, -15.1829,
63.3220


 252.3780,
-10.0464, 2.2995

 24.2190, -11.9400,
49.7969


 94.5000, -21.4455,
65.3365


 16.5590, -7.6706,
33.7128


 121.0550,
-23.1981, 67.4808

 4.7840, -2.3585,
9.8364

 148.3220,
-24.8087, 70.7546


 0.0000, 0.0000,
0.0000


 174.9090,
-25.0981, 70.2398


 193.6080,
-21.9917, 53.8408


 213.1220,


-18.3011, 36.7270


 233.3370,
-14.4631, 18.9985


 37.7970, -15.1829,
63.3220


 37.7970, -15.1829,
63.3220


 32.8900, -16.2148,
67.6255

 45.5080, -13.5614,
56.5595

 53.2190, -11.9400,
49.7969

 60.9300, -10.3185,
43.0344

 68.6410, -8.6970,
36.2718

 76.3520, -7.0755,
29.5093

■ 84.0630, -5.4541,
22.7467

■ 91.7740, -3.8326,
15.9842

■ 99.4850, -2.2111,
9.2217

■ 107.1960, -0.5896,
2.4591

Harmonies

Analogous

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



40.0420, 3.4303, 66.6152



37.7970, -15.1829, 63.3220



48.9170, -24.1161, 35.1528

Triad

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



37.7970, -15.1829, 63.3220



40.7940, -11.2374, -35.7763



47.6920, 40.5778, -41.8259

Complementary

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



37.7970, -15.1829, 63.3220



79.2030, 15.1829, -63.3220

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.



52.1770, 34.9157, -45.7592



37.7970, -15.1829, 63.3220



46.0550, 6.3819, -40.3902

Square

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



37.7970, -15.1829, 63.3220



40.8790, -20.1533, -22.6959



50.9740, 22.6908, -44.7042



52.1710, 30.9747, 5.1120

Rectangle

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



37.7970, -15.1829, 63.3220



49.6930, -24.4986, 17.8092



50.9740, 22.6908, -44.7042



49.4530, 39.7097, -43.3703

Sweetspot

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



37.7970, -15.1829, 63.3220



114.9600, -5.8963, 24.5911



49.5390, 29.8073, 53.0243



54.1760, -3.5378, 14.7546



199.0000, 0.0000, 0.0000



71.0000, 0.0000, 0.0000

Same Dimension

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



37.7970, -15.1829, 63.3220



42.7570, -21.0792, 87.9131



68.3210, -30.2313, 36.5525



51.7940, -0.8844, 3.6887



35.8800, -17.6888, 73.7732



73.8530, -36.4095, 151.8499

Inverse Universe

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



79.2030, 15.1829, -63.3220



100.2430, 21.0792, -87.9131



49.2660, 29.9419, -37.0673



54.2060, 0.8844, -3.6887



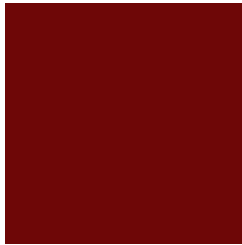
84.1200, 17.6888, -73.7732



173.1470, 36.4095, -151.8499

Previews

White Background



This preview shows how the YUV color 37.7970, -15.1829, 63.3220 looks on a white background.

Color Contrast Check

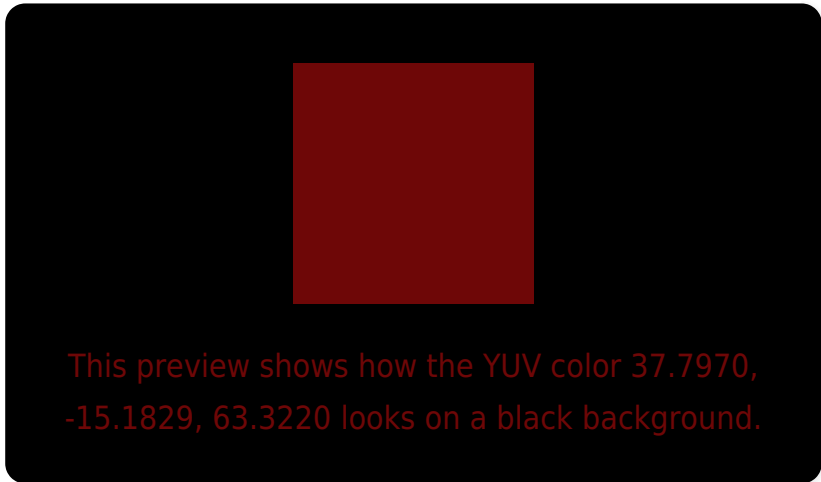
Large Text (above 18pt) WCAG AA ✓ Pass

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

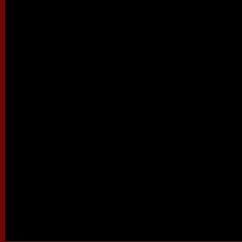
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 37.7970, -15.1829, 63.3220

Background



This preview shows how black text looks on a background with the YUV color 37.7970, -15.1829, 63.3220.



This preview shows how white text looks on a background with the YUV color 37.7970, -15.1829,

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

37.7970, -15.1829, 63.3220

Protanopia

53.3480, -17.9196, 7.5878

Deuteranopia

52.0410, -25.6562, 15.7500



Tritanopia

38.7600, -19.1087, 62.4775

Trichromacy



Original Color

37.7970, -15.1829, 63.3220

Protanomaly

47.4090, -16.9636, 27.7053

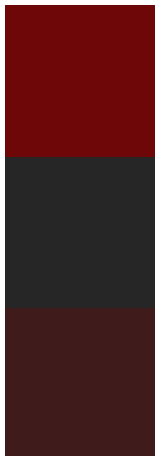
Deuteranomaly

46.8890, -21.6373, 33.4233

Tritanomaly

38.5150, -17.5089, 62.6923

Monochromacy



Original Color

37.7970, -15.1829, 63.3220

Achromatopsia

38.0000, 0.0000, 0.0000

Achromatomaly

38.0630, -5.4541, 22.7467

CSS Examples

Text

The CSS property to change the color of the text to YUV 37.7970, -15.1829, 63.3220 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(110, 7, 7)` looks like.

```
.text, #text, p{  
    color:rgb(110, 7, 7)  
}
```

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(110, 7, 7) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 7, 7) }
```

Border

The CSS property to change the border of an element to YUV 37.7970, -15.1829, 63.3220 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(110, 7, 7) }
```


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

```
.border{ border-color:rgb(110, 7, 7) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 7, 7)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 7, 7); -webkit-box-shadow:4px  
4px 4px 4px rgb(110, 7, 7); box-shadow:4px  
4px 4px 4px rgb(110, 7, 7) }
```

Background

The CSS property to change the background color of an element to YUV 37.7970, -15.1829, 63.3220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 7, 7) }
```

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

```
.background{ background-color: rgb(110, 7,  
7) }
```

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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