

Converting Colors

YUV(47.6770, -13.1518,
65.1813)

Have a look what the booklet for
YUV(47.6770, -13.1518, 65.1813)
contains.

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Color

**YUV(47.6770, -13.1518,
65.1813)**

Conversions

Conversions Part 1

Format	Color
Hex	7A0F15
RGB	122, 15, 21
RGB Percent	48%, 6%, 8%
CMY	0.5216, 0.9412, 0.9176
CMYK	0.00, 0.88, 0.83, 0.52
HSL	357°, 78%, 27%
HSV	357°, 88%, 48%
XYZ	8.3322, 4.5334, 1.1453
YIQ	47.6770, 61.8460, 24.5500

Conversions

Conversions Part 2

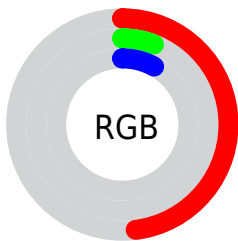
Format	Color
RYB	122, 15, 21
Decimal	7999253
CIELab	25.36, 43.83, 27.49
CIElCh	25, 51.740, 32.096
Yxy	4.5334, 0.5947, 0.3236
Android (android.graphics.Color)	4286189333 (0xFF7A0F15)
YUV	47.6770, -13.1518, 65.1813
Hunter-Lab	21.2917, 32.5931, 11.7148

Details

The YUV color **47.6770, -13.1518, 65.1813** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **89.3230, 13.1518, -65.1813**, and the grayscale version is **48.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **103.6790, -19.5617, 67.8105**, and **19.4350, -9.5815, 39.9605** is the 20% darker color. If you saturate the color by 10%, you get **39.2650, -14.9206, 72.5586**, and if you desaturate by 10%, it is **56.0890, -11.3829, 57.8039**.

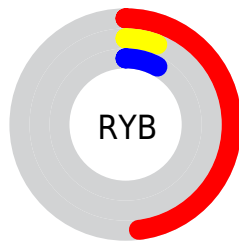
Distribution



Red (48%)

Green (6%)

Blue (8%)



Red (48%)

Yellow (6%)

Blue (8%)

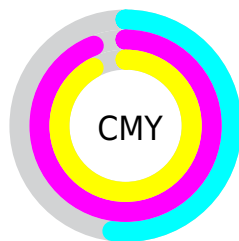


Cyan (0%)

Magenta (88%)

Yellow (83%)

Black (52%)



Cyan (52%)

Magenta (94%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the YUV color 47.6770, -13.1518, 65.1813 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 47.6770, -13.1518, 65.1813 by changing the saturation by 10% instead.

47.6770, -13.1518,
65.1813

47.6770, -13.1518,
65.1813

254.0880, -3.4944,
0.7998

28.1060, -13.8563,
57.7890

103.6790,
-19.5617, 67.8105

19.4350, -9.5815,
39.9605

130.5330,
-21.4618, 70.5696

11.1770, -5.0173,
22.6468

157.9140,
-22.6356, 73.7434


0.0000, 0.0000,
0.0000


180.5000,
-21.4455, 65.3365


200.0140,
-17.7549, 48.2227


219.5280,


-14.0643, 31.1089


 239.7430,
-10.2263, 13.3804


 47.6770, -13.1518,
65.1813


 47.6770, -13.1518,
65.1813


 39.2650, -14.9206,
72.5586


 56.0890, -11.3829,
57.8039

 37.2760, -14.9261,
74.3029

 64.3870, -10.0508,
50.5266

 73.3860, -8.5713,
42.6345

 81.6840, -7.2392,
35.3571

 90.0960, -5.4703,
27.9798

■ 98.3940, -4.1382,
20.7025

■ 106.8060, -2.3694,
13.3251

■ 115.6910, -1.3267,
5.5330

■ 124.1030, 0.4422,
-1.8443

Harmonies

Analogous

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



44.4000, 7.1978, 71.5632



47.6770, -13.1518, 65.1813



56.0380, -27.6267, 41.1857

Triad

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



47.6770, -13.1518, 65.1813



45.7180, -12.6790, -40.0947



54.1150, 42.3413, -47.4589

Complementary

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



47.6770, -13.1518, 65.1813



89.3230, 13.1518, -65.1813

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.



57.6710, 35.6582, -50.5775



47.6770, -13.1518, 65.1813



51.6800, 5.0878, -45.3234

Square

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



47.6770, -13.1518, 65.1813



50.0710, -24.6850, -15.8483



56.1260, 22.1229, -49.2225



59.8110, 33.6172, -2.4652

Rectangle

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



47.6770, -13.1518, 65.1813



57.1020, -28.1513, 22.7125



56.1260, 22.1229, -49.2225



55.7620, 41.0363, -48.9033

Sweetspot

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



47.6770, -13.1518, 65.1813



129.4870, -5.1701, 25.0059



57.0980, 31.9967, 50.7801



62.2900, -3.1010, 14.6547



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



47.6770, -13.1518, 65.1813



48.2680, -19.3591, 96.2350



73.9950, -29.0845, 42.1004



56.7940, -0.8844, 3.6887



38.1730, -15.3683, 76.1473



76.9440, -31.0314, 153.5241

Inverse Universe

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



47.6770, -13.1518, 65.1813



48.2680, -19.3591, 96.2350



63.0050, 29.0845, -42.1004



56.7940, -0.8844, 3.6887



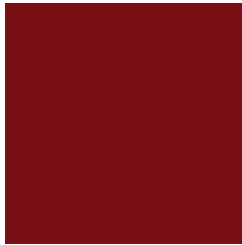
38.1730, -15.3683, 76.1473



76.9440, -31.0314, 153.5241

Previews

White Background



This preview shows how the YUV color 47.6770, -13.1518, 65.1813 looks on a white background.

Color Contrast Check

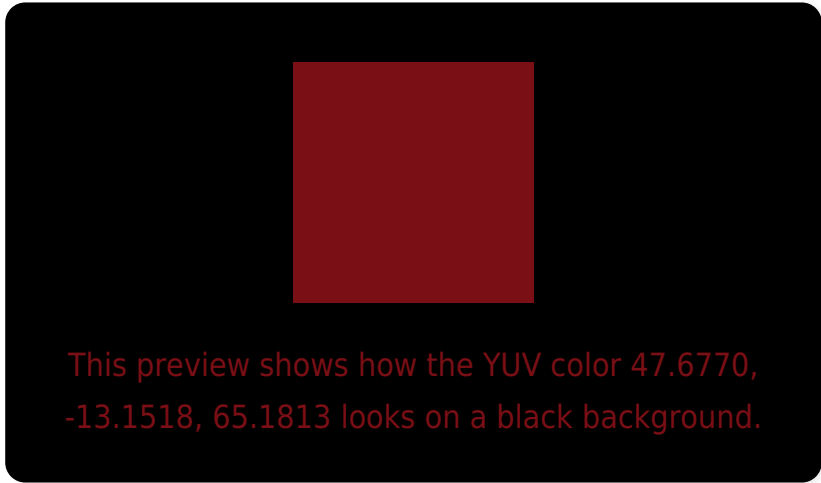
Large Text (above 18pt) WCAG AA ✓ Pass

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

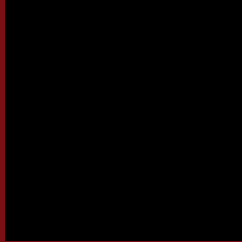
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 47.6770, -13.1518, 65.1813

Background



This preview shows how black text looks on a background with the YUV color 47.6770, -13.1518, 65.1813.



This preview shows how white text looks on a background with the YUV color 47.6770, -13.1518,

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

47.6770, -13.1518, 65.1813

Protanopia

61.3740, -13.9884, 6.6880

Deuteranopia

59.2800, -24.7880, 17.2944



Tritanopia

47.4660, -16.4987, 65.3663

Trichromacy



Original Color

47.6770, -13.1518, 65.1813

Protanomaly

56.6200, -13.6167, 27.5203

Deuteranomaly

55.1280, -20.7691, 34.9677

Tritanomaly

47.8080, -15.1883, 65.0664

Monochromacy



Original Color

47.6770, -13.1518, 65.1813

Achromatopsia

48.0000, 0.0000, 0.0000

Achromatomaly

47.8890, -4.8753, 23.7763

CSS Examples

Text

The CSS property to change the color of the text to YUV 47.6770, -13.1518, 65.1813 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(122, 15, 21)` looks like.

```
.text, #text, p{  
    color:rgb(122, 15, 21)  
}
```

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(122, 15, 21) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 15, 21) }
```

Border

The CSS property to change the border of an element to YUV 47.6770, -13.1518, 65.1813 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(122, 15, 21) }
```


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

```
.border{ border-color:rgb(122, 15, 21) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 15, 21)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 15, 21); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 15, 21);  
box-shadow:4px 4px 4px 4px rgb(122, 15,  
21) }
```

Background

The CSS property to change the background color of an element to YUV 47.6770, -13.1518, 65.1813 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 15, 21) }
```

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

```
.background{ background-color: rgb(122, 15,  
21) }
```

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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