

Converting Colors

YUV(47.5130, -7.6479, 73.2181)

Have a look what the booklet for
YUV(47.5130, -7.6479, 73.2181)
contains.

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Color

**YUV(47.5130, -7.6479,
73.2181)**

Conversions

Conversions Part 1

Format	Color
Hex	830820
RGB	131, 8, 32
RGB Percent	51%, 3%, 13%
CMY	0.4863, 0.9686, 0.8745
CMYK	0.00, 0.94, 0.76, 0.49
HSL	348°, 88%, 27%
HSV	348°, 94%, 51%
XYZ	9.7076, 5.1032, 1.8399
YIQ	47.5130, 65.6040, 33.5400

Conversions

Conversions Part 2

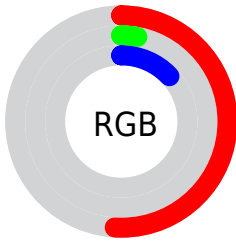
Format	Color
R_YB	131, 8, 32
Decimal	8587296
CIE _{Lab}	27.03, 48.26, 22.86
CIE _{LCh}	27, 53.400, 25.349
Yxy	5.1032, 0.5830, 0.3065
Android (android.graphics.Color)	4286777376 (0xFF830820)
YUV	47.5130, -7.6479, 73.2181
Hunter-Lab	22.5904, 37.1726, 10.9844

Details

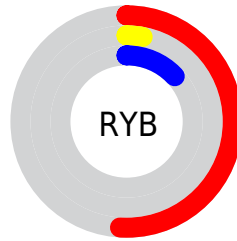
The YUV color **47.5130, -7.6479, 73.2181** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **91.4870, 7.6479, -73.2181**, and the grayscale version is **48.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **107.1510, -15.3574, 72.6586**, and **21.8270, -10.7607, 44.8787** is the 20% darker color. If you saturate the color by 10%, you get **42.1330, -7.9536, 77.9364**, and if you desaturate by 10%, it is **56.3980, -6.6052, 65.4260**.

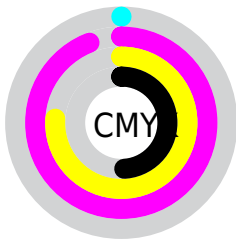
Distribution



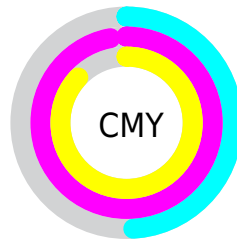
- Red (51%)
- Green (3%)
- Blue (13%)



- Red (51%)
- Yellow (3%)
- Blue (13%)



- Cyan (0%)
- Magenta (94%)
- Yellow (76%)
- Black (49%)



- Cyan (49%)
- Magenta (97%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YUV color 47.5130, -7.6479, 73.2181 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 47.5130, -7.6479, 73.2181 by changing the saturation by 10% instead.

■ 47.5130, -7.6479,
73.2181

■ 47.5130, -7.6479,
73.2181

255.0000, 0.0000,
0.0000

■ 31.6380, -10.6675,
61.7075

■ 107.1510,
-15.3574, 72.6586

■ 21.8270, -10.7607,
44.8787

■ 135.0050,
-17.2575, 75.4176

■ 14.2810, -6.0545,
28.6946

■ 162.6740,
-18.5733, 77.4619

■ 0.0000, 0.0000,
0.0000


■ 182.6830,
-15.6197, 63.4220


■ 202.0830,
-12.3659, 46.4082


■ 221.7110, -8.2385,


29.1945


 241.9260, -4.4005,
11.4659


 47.5130, -7.6479,
73.2181


 47.5130, -7.6479,
73.2181


 42.1330, -7.9536,
77.9364

 56.3980, -6.6052,
65.4260

 65.1690, -5.9993,
57.7338

 74.0540, -4.9566,
49.9416

 82.8250, -4.3507,
42.2495

 91.7100, -3.3080,
34.4573

■ 101.0680, -2.9915,
26.2504

■ 109.9530, -1.9488,
18.4582

■ 118.7240, -1.3429,
10.7661

■ 127.6090, -0.3002,
2.9739

Harmonies

Analogous

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



47.0780, 12.2865, 72.7226



47.5130, -7.6479, 73.2181



58.1530, -28.6694, 48.9778

Triad

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



47.5130, -7.6479, 73.2181



46.9260, -18.2045, -41.1541



58.4350, 43.6625, -51.2475

Complementary

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



47.5130, -7.6479, 73.2181



91.4870, 7.6479, -73.2181

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.



61.3070, 34.3586, -53.7662



47.5130, -7.6479, 73.2181



53.3440, 1.3094, -46.7827

Square

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



47.5130, -7.6479, 73.2181



56.0180, -27.6169, -8.7858



58.7190, 19.3655, -51.4966



60.0800, 38.9076, -19.3642

Rectangle

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



47.5130, -7.6479, 73.2181



60.6900, -29.9202, 30.0899



58.7190, 19.3655, -51.4966



60.4410, 41.1946, -53.0068

Sweetspot

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



47.5130, -7.6479, 73.2181



138.3780, -3.1444, 28.6095



51.3240, 39.2803, 47.9509



66.6540, -1.8014, 17.8434



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



47.5130, -7.6479, 73.2181



54.8910, -10.7923, 101.8276



66.4960, -28.8385, 56.5700



61.9080, -0.4476, 3.5887



41.7200, -8.2430, 77.4216



0.8970, -0.4422, 1.8443

Inverse Universe

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



47.5130, -7.6479, 73.2181



54.8910, -10.7923, 101.8276



72.5040, 28.8385, -56.5700



61.9080, -0.4476, 3.5887



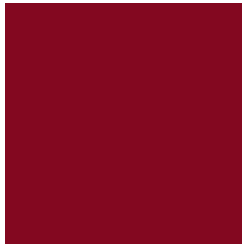
41.7200, -8.2430, 77.4216



0.8970, -0.4422, 1.8443

Previews

White Background



This preview shows how the YUV color 47.5130, -7.6479, 73.2181 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

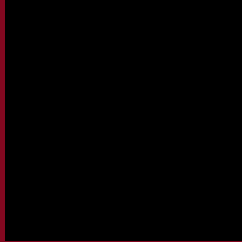
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 47.5130, -7.6479, 73.2181

Background



This preview shows how black text looks on a background with the YUV color 47.5130, -7.6479, 73.2181.



This preview shows how white text looks on a background with the YUV color 47.5130, -7.6479,

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

47.5130, -7.6479, 73.2181

Protanopia

66.3290, -9.0362, 4.9735

Deuteranopia

64.5340, -19.9833, 16.1947



Tritanopia

49.2280, -18.8464, 71.7140

Trichromacy



Original Color

47.5130, -7.6479, 73.2181

Protanomaly

59.5970, -8.6753, 29.2944

Deuteranomaly

58.2190, -15.3910, 36.6419

Tritanomaly

48.3790, -14.4838, 72.4586

Monochromacy



Original Color

47.5130, -7.6479, 73.2181

Achromatopsia

48.0000, 0.0000, 0.0000

Achromatomaly

47.4810, -2.7021, 26.7652

CSS Examples

Text

The CSS property to change the color of the text to YUV 47.5130, -7.6479, 73.2181 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(131, 8, 32)` looks like.

```
.text, #text, p{  
    color:rgb(131, 8, 32)  
}
```

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(131, 8, 32) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 8, 32) }
```

Border

The CSS property to change the border of an element to YUV 47.5130, -7.6479, 73.2181 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(131, 8, 32) }
```


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

```
.border{ border-color:rgb(131, 8, 32) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 8, 32)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 8, 32); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 8, 32);  
box-shadow:4px 4px 4px 4px rgb(131, 8, 32)  
}
```

Background

The CSS property to change the background color of an element to YUV 47.5130, -7.6479, 73.2181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 8, 32) }
```

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

```
.background{ background-color: rgb(131, 8,  
32) }
```

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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