

Converting Colors

YUV(47.0430, 11.8108, 38.5503)

Have a look what the booklet for
YUV(47.0430, 11.8108, 38.5503)
contains.

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Color

**YUV(47.0430, 11.8108,
38.5503)**

Conversions

Conversions Part 1

Format	Color
Hex	5B1447
RGB	91, 20, 71
RGB Percent	36%, 8%, 28%
CMY	0.6431, 0.9216, 0.7216
CMYK	0.00, 0.78, 0.22, 0.64
HSL	317°, 64%, 22%
HSV	317°, 78%, 36%
XYZ	5.7019, 3.1794, 6.2744
YIQ	47.0430, 25.9450, 30.9130

Conversions

Conversions Part 2

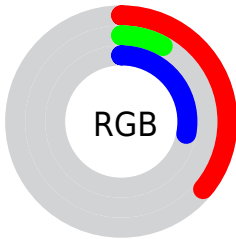
Format	Color
R_{YB}	91, 20, 71
Decimal	5968967
CIE _{Lab}	20.75, 37.33, -13.89
CIE _{LCh}	21, 39.834, 339.591
Yxy	3.1794, 0.3762, 0.2098
Android (android.graphics.Color)	4284159047 (0xFF5B1447)
YUV	47.0430, 11.8108, 38.5503
Hunter-Lab	17.8308, 25.8760, -8.3816

Details

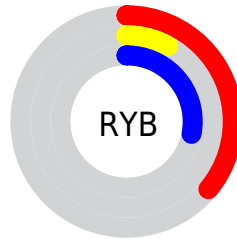
The YUV color **47.0430, 11.8108, 38.5503** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **63.9570, -11.8108, -38.5503**, and the grayscale version is **47.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **98.4130, 10.6424, 39.9798**, and **16.6470, 5.5970, 24.8656** is the 20% darker color. If you saturate the color by 10%, you get **41.4180, 13.1049, 43.4834**, and if you desaturate by 10%, it is **52.6680, 10.5167, 33.6172**.

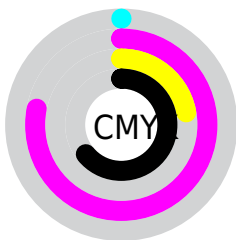
Distribution



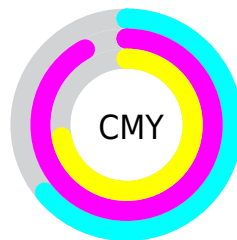
- Red (36%)
- Green (8%)
- Blue (28%)



- Red (36%)
- Yellow (8%)
- Blue (28%)



- Cyan (0%)
- Magenta (78%)
- Yellow (22%)
- Black (64%)



- Cyan (64%)
- Magenta (92%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YUV color 47.0430, 11.8108, 38.5503 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 47.0430, 11.8108, 38.5503 by changing the saturation by 10% instead.

■ 47.0430, 11.8108,
38.5503

■ 47.0430, 11.8108,
38.5503

■ 255.0000, 0.0000,
0.0000

■ 25.2060, 11.2374,
35.7763

■ 98.4130, 10.6424,
39.9798

■ 16.6470, 5.5970,
24.8656

■ 124.0110, 10.3476,
41.2094

■ 0.0000, 0.0000,
0.0000

■ 150.7230, 10.4896,
42.3389


■ 177.7340, 10.4841,
44.0833


■ 204.8480, 10.9209,
43.9833


■ 224.4760, 15.0483,


26.7695

 241.4990, 6.6560,
11.8404


 47.0430, 11.8108,
38.5503


 47.0430, 11.8108,
38.5503


 41.4180, 13.1049,
43.4834


 52.6680, 10.5167,
33.6172

 35.9070, 14.8358,
48.3166

 58.1790, 8.7858,
28.7840

 34.6190, 14.9778,
49.4461

 63.8040, 7.4916,
23.8509

 69.3150, 5.7607,
19.0177

 75.5270, 4.1772,
13.5698

■ 81.0380, 2.4463,
8.7367

■ 86.6630, 1.1521,
3.8035

■ 92.2880, -0.1420,
-1.1296

■ 97.7990, -1.8729,
-5.9627

Harmonies

Analogous

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



51.2010, 22.0859, 9.4707



47.0430, 11.8108, 38.5503



42.0310, -0.0153, 51.7158

Triad

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



47.0430, 11.8108, 38.5503



46.6700, -23.0083, 6.4284



46.3120, 20.0592, -40.6156

Complementary

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



47.0430, 11.8108, 38.5503



63.9570, -11.8108, -38.5503

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.



43.7070, 7.5394, -38.3310



47.0430, 11.8108, 38.5503



40.3250, -19.8802, -16.9480

Square

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



47.0430, 11.8108, 38.5503



47.3890, -23.3628, 26.8458



38.9990, -5.4225, -34.2021



46.6030, 28.7897, -40.8708

Rectangle

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



47.0430, 11.8108, 38.5503



43.6640, -10.1874, 47.6527



38.9990, -5.4225, -34.2021



45.2860, 16.1280, -39.7158

Sweetspot

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



47.0430, 11.8108, 38.5503



100.3530, 4.7560, 14.5994



33.7750, 28.2119, 4.5823



48.4510, 2.7357, 9.2515



186.0000, 0.0000, 0.0000



59.0000, 0.0000, 0.0000

Same Dimension

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



47.0430, 11.8108, 38.5503



48.8960, 18.2923, 59.7272



43.1670, -3.0403, 41.9495



42.9510, 1.0102, 2.6740



41.8960, 18.2923, 59.7272



90.2430, 39.3202, 128.7059

Inverse Universe

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



47.0430, 11.8108, 38.5503



48.8960, 18.2923, 59.7272



67.8330, 3.0403, -41.9495



42.9510, 1.0102, 2.6740



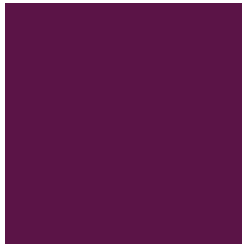
41.8960, 18.2923, 59.7272



90.2430, 39.3202, 128.7059

Previews

White Background



This preview shows how the YUV color 47.0430, 11.8108, 38.5503 looks on a white background.

Color Contrast Check

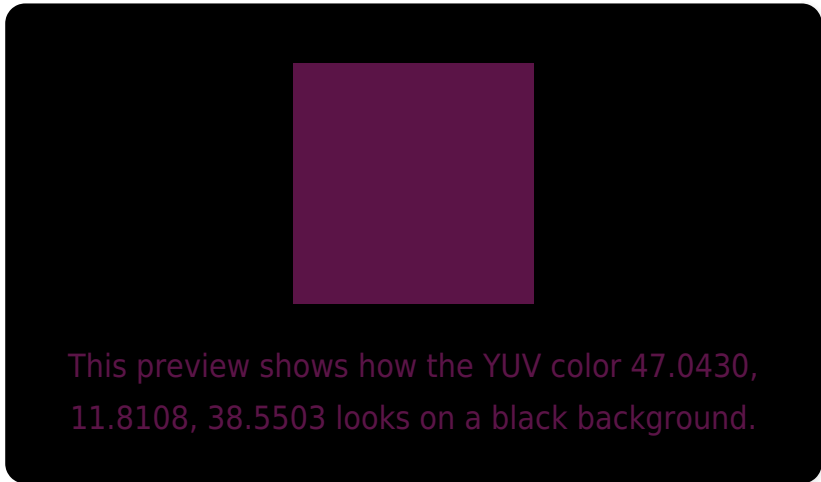
Large Text (above 18pt) WCAG AA ✓ Pass

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

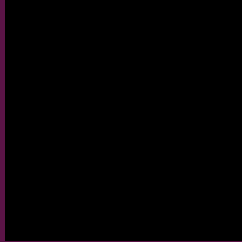
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 47.0430, 11.8108, 38.5503

Background



This preview shows how black text looks on a background with the YUV color 47.0430, 11.8108, 38.5503.



This preview shows how white text looks on a background with the YUV color 47.0430, 11.8108,

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

47.0430, 11.8108, 38.5503

Protanopia

48.8510, 22.7515, -17.4093

Deuteranopia

52.2260, 7.2836, -2.8292



Tritanopia

49.6730, -7.2338, 33.6128

Trichromacy



Original Color

47.0430, 11.8108, 38.5503

Protanomaly

48.2450, 18.6132, 3.2931

Deuteranomaly

50.3680, 8.6926, 11.9553

Tritanomaly

48.5190, -0.2559, 35.5018

Monochromacy



Original Color

47.0430, 11.8108, 38.5503

Achromatopsia

47.0000, 0.0000, 0.0000

Achromatomaly

46.9400, 4.4666, 14.0846

CSS Examples

Text

The CSS property to change the color of the text to YUV 47.0430, 11.8108, 38.5503 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(91, 20, 71)` looks like.

```
.text, #text, p{  
    color:rgb(91, 20, 71)  
}
```

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(91, 20, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 20, 71) }
```

Border

The CSS property to change the border of an element to YUV 47.0430, 11.8108, 38.5503 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(91, 20, 71) }
```


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

```
.border{ border-color:rgb(91, 20, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 20, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 20, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 20, 71);  
box-shadow:4px 4px 4px 4px rgb(91, 20, 71)  
}
```

Background

The CSS property to change the background color of an element to YUV 47.0430, 11.8108, 38.5503 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 20, 71) }
```

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

```
.background{ background-color: rgb(91, 20,  
71) }
```

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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