

Converting Colors

YUV(41.2380, -4.0613, 42.7643)

Have a look what the booklet for
YUV(41.2380, -4.0613, 42.7643)
contains.

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Color

**YUV(41.2380, -4.0613,
42.7643)**

Conversions

Conversions Part 1

Format	Color
Hex	5A1221
RGB	90, 18, 33
RGB Percent	35%, 7%, 13%
CMY	0.6471, 0.9294, 0.8706
CMYK	0.00, 0.80, 0.63, 0.65
HSL	348°, 67%, 21%
HSV	348°, 80%, 35%
XYZ	4.7073, 2.7161, 1.7150
YIQ	41.2380, 38.0970, 19.9290

Conversions

Conversions Part 2

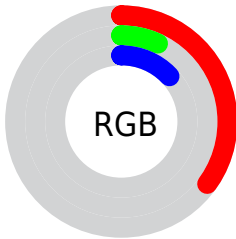
Format	Color
RYB	90, 18, 33
Decimal	5902881
CIELab	18.87, 33.32, 9.98
CIELCh	19, 34.784, 16.682
Yxy	2.7161, 0.5151, 0.2972
Android (android.graphics.Color)	4284092961 (0xFF5A1221)
YUV	41.2380, -4.0613, 42.7643
Hunter-Lab	16.4805, 22.1433, 5.3665

Details

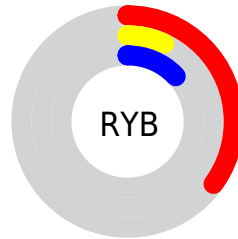
The YUV color **41.2380, -4.0613, 42.7643** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **66.7620, 4.0613, -42.7643**, and the grayscale version is **41.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **91.7500, -7.2717, 45.8233**, and **12.3730, -5.6069, 25.1059** is the 20% darker color. If you saturate the color by 10%, you get **35.1570, -4.5144, 48.0973**, and if you desaturate by 10%, it is **47.3190, -3.6083, 37.4312**.

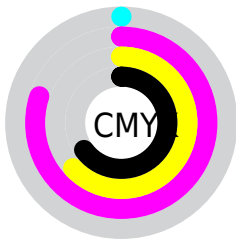
Distribution



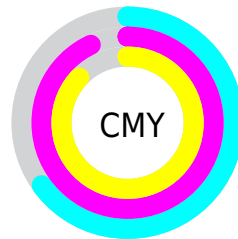
- Red (35%)
- Green (7%)
- Blue (13%)



- Red (35%)
- Yellow (7%)
- Blue (13%)



- Cyan (0%)
- Magenta (80%)
- Yellow (63%)
- Black (65%)



- Cyan (65%)
- Magenta (93%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YUV color 41.2380, -4.0613, 42.7643 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 41.2380, -4.0613, 42.7643 by changing the saturation by 10% instead.

41.2380, -4.0613,
42.7643

41.2380, -4.0613,
42.7643

255.0000, 0.0000,
0.0000

20.2760, -5.0661,
38.3459

91.7500, -7.2717,
45.8233

12.3730, -5.6069,
25.1059

117.5330, -8.1508,
47.7676

0.0000, 0.0000,
0.0000

143.7290, -8.7404,
50.2267

170.5120, -9.6194,
52.1710

196.9140, -9.3246,
50.9414

216.5420, -5.1972,

33.7277

236.1700, -1.0698,
16.5139

41.2380, -4.0613,
42.7643

41.2380, -4.0613,
42.7643

35.1570, -4.5144,
48.0973

47.3190, -3.6083,
37.4312

29.0760, -4.9675,
53.4303

53.4000, -3.1552,
32.0982

59.4810, -2.7021,
26.7652

65.5620, -2.2491,
21.4321

71.7570, -1.3592,
15.9991

■ 77.8380, -0.9061,
10.6661

■ 83.9190, -0.4531,
5.3330

■ 90.0000, 0.0000,
0.0000

■ 96.0810, 0.4531,
-5.3330

Harmonies

Analogous

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



43.1800, 7.3063, 36.6761



41.2380, -4.0613, 42.7643



42.6380, -17.5695, 35.3975

Triad

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



41.2380, -4.0613, 42.7643



35.6710, -14.6278, -21.6365



41.3540, 26.4475, -36.2675

Complementary

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



41.2380, -4.0613, 42.7643



66.7620, 4.0613, -42.7643

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.



42.2200, 19.6115, -37.0269



41.2380, -4.0613, 42.7643



36.6340, -1.7916, -32.1280

Square

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



41.2380, -4.0613, 42.7643



42.2180, -20.8135, 2.4398



40.2990, 9.7126, -35.3422



40.8440, 26.6989, -23.5422

Rectangle

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



41.2380, -4.0613, 42.7643



43.5460, -21.4682, 25.8312



40.2990, 9.7126, -35.3422



42.1860, 24.5583, -36.9971

Sweetspot

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



41.2380, -4.0613, 42.7643



98.0560, -1.5066, 16.6139



42.9520, 23.1947, 27.2291



47.4250, -1.1955, 10.1513



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.



41.2380, -4.0613, 42.7643



41.1100, -6.4632, 66.5555



51.2680, -16.4011, 33.9680



42.6090, -0.3002, 2.9739



35.5120, -6.1684, 65.3260



76.4490, -13.5324, 140.8032

Inverse Universe

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



41.2380, -4.0613, 42.7643



41.1100, -6.4632, 66.5555



56.7320, 16.4011, -33.9680



42.6090, -0.3002, 2.9739



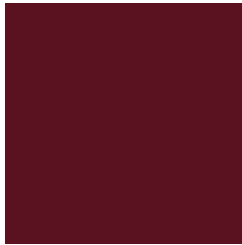
35.5120, -6.1684, 65.3260



76.4490, -13.5324, 140.8032

Previews

White Background



This preview shows how the YUV color 41.2380, -4.0613, 42.7643 looks on a white background.

Color Contrast Check

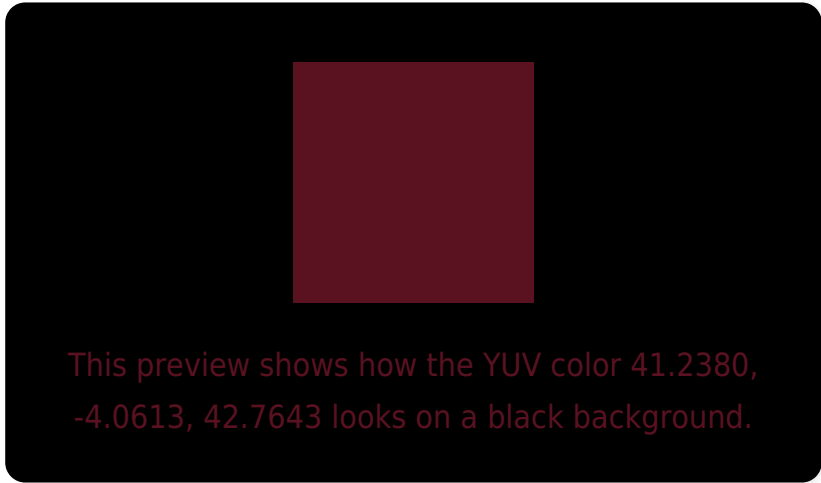
Large Text (above 18pt) WCAG AA ✓ Pass

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

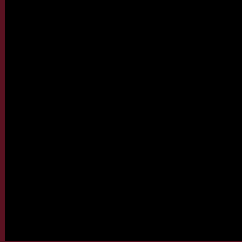
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 41.2380, -4.0613, 42.7643

Background



This preview shows how black text looks on a background with the YUV color 41.2380, -4.0613, 42.7643.



This preview shows how white text looks on a background with the YUV color 41.2380, -4.0613,

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

41.2380, -4.0613, 42.7643

Protanopia

48.0710, -1.0210, 0.8147

Deuteranopia

47.6500, -9.1944, 9.0770



Tritanopia

41.6310, -10.1711, 42.4196

Trichromacy



Original Color

41.2380, -4.0613, 42.7643

Protanomaly

45.5290, -2.2328, 16.1991

Deuteranomaly

45.4820, -7.6326, 21.5023

Tritanomaly

41.5000, -8.1345, 42.5345

Monochromacy



Original Color

41.2380, -4.0613, 42.7643

Achromatopsia

41.0000, 0.0000, 0.0000

Achromatomaly

41.3440, -1.6486, 15.4843

CSS Examples

Text

The CSS property to change the color of the text to YUV 41.2380, -4.0613, 42.7643 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(90, 18, 33)` looks like.

```
.text, #text, p{  
    color:rgb(90, 18, 33)  
}
```

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(90, 18, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 18, 33) }
```

Border

The CSS property to change the border of an element to YUV 41.2380, -4.0613, 42.7643 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(90, 18, 33) }
```


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

```
.border{ border-color:rgb(90, 18, 33) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 18, 33)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 18, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 18, 33);  
box-shadow:4px 4px 4px 4px rgb(90, 18, 33)  
}
```

Background

The CSS property to change the background color of an element to YUV 41.2380, -4.0613, 42.7643 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 18, 33) }
```

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

```
.background{ background-color: rgb(90, 18,  
33) }
```

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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