

Converting Colors

YUV(52.4140, 9.1629, 47.8719)

Have a look what the booklet for
YUV(52.4140, 9.1629, 47.8719)
contains.

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Color

**YUV(52.4140, 9.1629,
47.8719)**

Conversions

Conversions Part 1

Format	Color
Hex	6B1547
RGB	107, 21, 71
RGB Percent	42%, 8%, 28%
CMY	0.5804, 0.9176, 0.7216
CMYK	0.00, 0.80, 0.34, 0.58
HSL	325°, 67%, 25%
HSV	325°, 80%, 42%
XYZ	7.4689, 4.1171, 6.3623
YIQ	52.4140, 35.2060, 33.7820

Conversions

Conversions Part 2

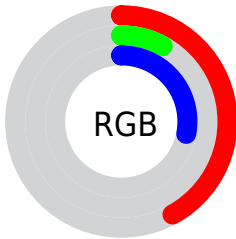
Format	Color
RYB	107, 21, 71
Decimal	7017799
CIELab	24.05, 41.51, -8.55
CIElCh	24, 42.384, 348.363
Yxy	4.1171, 0.4161, 0.2294
Android (android.graphics.Color)	4285207879 (0xFF6B1547)
YUV	52.4140, 9.1629, 47.8719
Hunter-Lab	20.2905, 30.1970, -4.3874

Details

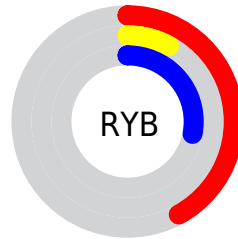
The YUV color **52.4140, 9.1629, 47.8719** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **75.5860, -9.1629, -47.8719**, and the grayscale version is **52.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **105.4420, 6.6841, 49.6014**, and **19.9360, 3.9756, 31.6281** is the 20% darker color. If you saturate the color by 10%, you get **45.5010, 10.5990, 53.9346**, and if you desaturate by 10%, it is **59.3270, 7.7268, 41.8092**.

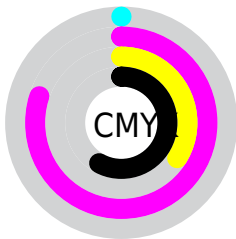
Distribution



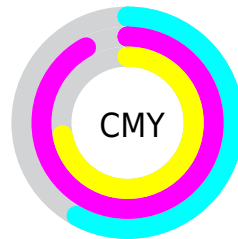
- Red (42%)
- Green (8%)
- Blue (28%)



- Red (42%)
- Yellow (8%)
- Blue (28%)



- Cyan (0%)
- Magenta (80%)
- Yellow (34%)
- Black (58%)



- Cyan (58%)
- Magenta (92%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YUV color 52.4140, 9.1629, 47.8719 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 52.4140, 9.1629, 47.8719 by changing the saturation by 10% instead.

■ 52.4140, 9.1629,
47.8719

■ 52.4140, 9.1629,
47.8719

255.0000, 0.0000,
0.0000

■ 29.8050, 9.4631,
44.8980

■ 105.4420, 6.6841,
49.6014

■ 19.9360, 3.9756,
31.6281

■ 132.0400, 6.3893,
50.8309

■ 8.7850, -3.8380,
17.7286

■ 158.7520, 6.5313,
51.9605


■ 0.0000, 0.0000,
0.0000


■ 186.6490, 6.0890,
53.8048


■ 207.7830, 9.4740,
41.4093

■ 227.9980, 13.3120,

23.6808


 244.4340, 5.2090,
9.2664


 52.4140, 9.1629,
47.8719

 52.4140, 9.1629,
47.8719


 45.5010, 10.5990,
53.9346


 59.3270, 7.7268,
41.8092

 39.0610, 11.3089,
59.5825

 65.7670, 7.0169,
36.1613

 72.6800, 5.5808,
30.0986

 79.7070, 4.5814,
23.9360

 86.0330, 3.4347,
18.3881

■ 93.0600, 2.4354,
12.2254

■ 99.9730, 0.9993,
6.1627

■ 107.0000, 0.0000,
0.0000

■ 113.3260, -1.1467,
-5.5479

Harmonies

Analogous

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



58.2240, 20.5956, 20.8516



52.4140, 9.1629, 47.8719



49.6740, -5.2623, 54.6599

Triad

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



52.4140, 9.1629, 47.8719



52.2410, -25.7548, 0.6656



53.0600, 25.6064, -46.5336

Complementary

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



52.4140, 9.1629, 47.8719



75.5860, -9.1629, -47.8719

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.



50.3410, 12.6499, -44.1491



52.4140, 9.1629, 47.8719



42.1380, -16.3370, -33.4470

Square

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



52.4140, 9.1629, 47.8719



54.1560, -26.6989, 23.5422



45.9920, -1.4751, -40.3350



51.8350, 33.6053, -45.4593

Rectangle

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



52.4140, 9.1629, 47.8719



52.3560, -16.4445, 47.9228



45.9920, -1.4751, -40.3350



52.6210, 21.3858, -46.1486

Sweetspot

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



52.4140, 9.1629, 47.8719



119.0330, 3.4347, 18.3881



41.5680, 32.2580, 13.5339



58.3480, 2.2934, 11.0958



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.



52.4140, 9.1629, 47.8719



54.9580, 14.3177, 74.5818



47.5120, -9.6194, 52.1710



50.1360, 0.4260, 3.3887



42.7350, 12.4556, 65.1304



89.4430, 25.9106, 136.4235

Inverse Universe

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



52.4140, 9.1629, 47.8719



54.9580, 14.3177, 74.5818



80.4880, 9.6194, -52.1710



50.1360, 0.4260, 3.3887



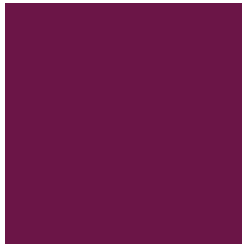
42.7350, 12.4556, 65.1304



89.4430, 25.9106, 136.4235

Previews

White Background



This preview shows how the YUV color 52.4140, 9.1629, 47.8719 looks on a white background.

Color Contrast Check

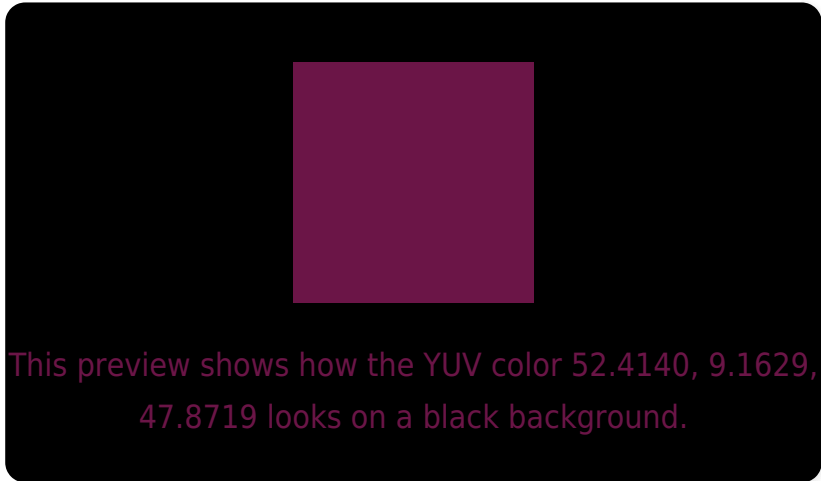
Large Text (above 18pt) WCAG AA ✓ Pass

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

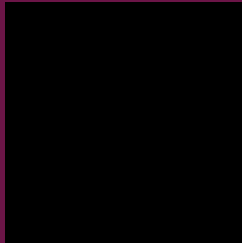
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 52.4140, 9.1629, 47.8719

Background



This preview shows how black text looks on a background with the YUV color 52.4140, 9.1629, 47.8719.



This preview shows how white text looks on a background with the YUV color 52.4140, 9.1629,

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

52.4140, 9.1629, 47.8719

Protanopia

58.1460, 18.6620, -12.4060

Deuteranopia

59.9230, 3.4890, 0.9445



Tritanopia

54.7560, -9.7397, 44.0640

Trichromacy



Original Color

52.4140, 9.1629, 47.8719

Protanomaly

56.3660, 15.1026, 9.3260

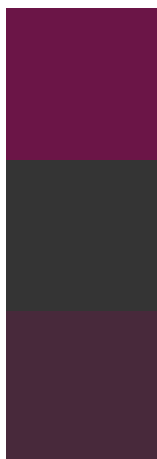
Deuteranomaly

57.4890, 5.1819, 17.9881

Tritanomaly

54.1890, -3.0512, 45.4382

Monochromacy



Original Color

52.4140, 9.1629, 47.8719

Achromatopsia

52.0000, 0.0000, 0.0000

Achromatomaly

52.3210, 3.2927, 17.2585

CSS Examples

Text

The CSS property to change the color of the text to YUV 52.4140, 9.1629, 47.8719 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(107, 21, 71)` looks like.

```
.text, #text, p{  
    color:rgb(107, 21, 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(107, 21, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 21, 71) }
```

Border

The CSS property to change the border of an element to YUV 52.4140, 9.1629, 47.8719 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(107, 21, 71) }
```


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

```
.border{ border-color:rgb(107, 21, 71) }
```

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

Here you see how a box with a 4 pixel rgb(107, 21, 71) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 21, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 21, 71);  
box-shadow:4px 4px 4px 4px rgb(107, 21,  
71) }
```

Background

The CSS property to change the background color of an element to YUV 52.4140, 9.1629, 47.8719 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 21, 71) }
```

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

```
.background{ background-color: rgb(107, 21,  
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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