

Converting Colors

YUV(35.4140, 5.7119, 34.7169)

Have a look what the booklet for
YUV(35.4140, 5.7119, 34.7169)
contains.

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Color

**YUV(35.4140, 5.7119,
34.7169)**

Conversions

Conversions Part 1

Format	Color
Hex	4B0D2F
RGB	75, 13, 47
RGB Percent	29%, 5%, 18%
CMY	0.7059, 0.9490, 0.8157
CMYK	0.00, 0.83, 0.37, 0.71
HSL	327°, 70%, 17%
HSV	327°, 83%, 29%
XYZ	3.5587, 1.9889, 2.8857
YIQ	35.4140, 26.0380, 23.7180

Conversions

Conversions Part 2

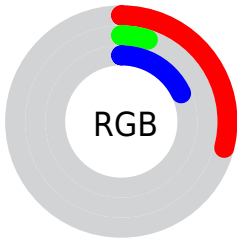
Format	Color
RYB	75, 13, 47
Decimal	4918575
CIELab	15.43, 31.80, -5.44
CIELCh	15, 32.262, 350.291
Yxy	1.9889, 0.4220, 0.2358
Android (android.graphics.Color)	4283108655 (0xFF4B0D2F)
YUV	35.4140, 5.7119, 34.7169
Hunter-Lab	14.1030, 20.3615, -2.2595




Details

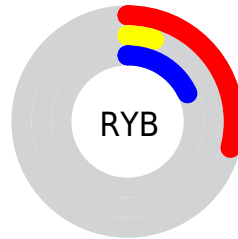
The YUV color **35.4140, 5.7119, 34.7169** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **52.5860, -5.7119, -34.7169**, and the grayscale version is **35.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **84.9690, 3.9593, 36.8612**, and **7.5890, -3.2484, 15.2694** is the 20% darker color. If you saturate the color by 10%, you get **30.3760, 6.7166, 39.1352**, and if you desaturate by 10%, it is **39.8650, 4.9966, 30.8134**.

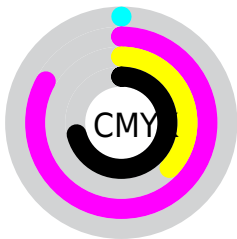
Distribution







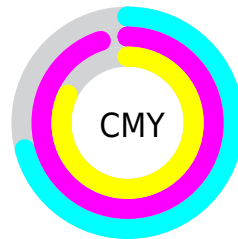
-  Red (29%)
-  Green (5%)
-  Blue (18%)






-  Red (29%)
-  Yellow (5%)
-  Blue (18%)



-  Cyan (0%)
-  Magenta (83%)
-  Yellow (37%)
-  Black (71%)



-  Cyan (71%)
-  Magenta (95%)
-  Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YUV color 35.4140, 5.7119, 34.7169 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 35.4140, 5.7119, 34.7169 by changing the saturation by 10% instead.

■ 35.4140, 5.7119,
34.7169

■ 35.4140, 5.7119,
34.7169

■ 251.4780, 1.7363,
3.0888

■ 18.2130, 3.8390,
28.7542

■ 84.9690, 3.9593,
36.8612

■ 7.5890, -3.2484,
15.2694

■ 109.5670, 3.6645,
38.0907

■ 0.0000, 0.0000,
0.0000


■ 136.1650, 3.3697,
39.3203


■ 162.8770, 3.5116,
40.4499


■ 190.4750, 3.2168,
41.6794


■ 214.5990, 5.1277,

35.4317


 234.2270, 9.2551,
18.2179


 35.4140, 5.7119,
34.7169


 35.4140, 5.7119,
34.7169

 30.3760, 6.7166,
39.1352


 39.8650, 4.9966,
30.8134

 27.0990, 6.8532,
42.0092

 45.0170, 4.4286,
26.2951

 49.4680, 3.7133,
22.3916

 54.6200, 3.1453,
17.8733

 59.6580, 2.1406,
13.4549

■ 64.1090, 1.4253,
9.5514

■ 69.2610, 0.8573,
5.0331

■ 73.7120, 0.1420,
1.1296

■ 78.7500, -0.8628,
-3.2887

Harmonies

Analogous

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



39.1820, 14.2073, 16.5034



35.4140, 5.7119, 34.7169



34.2760, -5.0661, 38.3459

Triad

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



35.4140, 5.7119, 34.7169



35.1190, -17.3137, -0.1044



35.9110, 18.2849, -31.4939

Complementary

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



35.4140, 5.7119, 34.7169



52.5860, -5.7119, -34.7169

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.



34.9190, 9.4069, -30.6240



35.4140, 5.7119, 34.7169



27.9420, -12.2964, -22.7511

Square

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



35.4140, 5.7119, 34.7169



36.9900, -18.2361, 15.7948



31.5960, -0.7868, -27.7097



35.4040, 23.9578, -31.0493

Rectangle

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



35.4140, 5.7119, 34.7169



35.1370, -14.3645, 34.0829



31.5960, -0.7868, -27.7097



35.9280, 15.8115, -31.5089

Sweetspot

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



35.4140, 5.7119, 34.7169



81.6580, 2.1406, 13.4549



28.4400, 22.9541, 11.0151



39.0980, 1.4307, 7.8071



176.0000, 0.0000, 0.0000



48.0000, 0.0000, 0.0000

Same Dimension

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



35.4140, 5.7119, 34.7169



35.7460, 8.9992, 53.7198



31.8800, -7.8288, 37.8162



35.5380, 0.7208, 2.1592



36.8820, 9.4252, 57.1085



83.1340, 21.1329, 128.8015

Inverse Universe

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



35.4140, 5.7119, 34.7169



35.7460, 8.9992, 53.7198



56.1200, 7.8288, -37.8162



35.5380, 0.7208, 2.1592



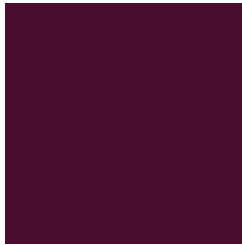
36.8820, 9.4252, 57.1085



83.1340, 21.1329, 128.8015

Previews

White Background



This preview shows how the YUV color 35.4140, 5.7119, 34.7169 looks on a white background.

Color Contrast Check

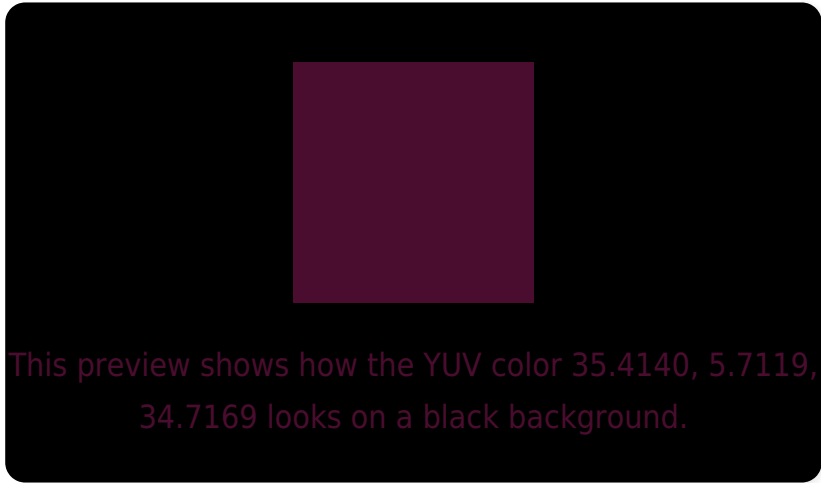
Large Text (above 18pt) WCAG AA ✓ Pass

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

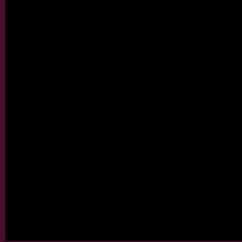
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 35.4140, 5.7119, 34.7169

Background



This preview shows how black text looks on a background with the YUV color 35.4140, 5.7119, 34.7169.



This preview shows how white text looks on a background with the YUV color 35.4140, 5.7119,

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

35.4140, 5.7119, 34.7169

Protanopia

40.4580, 12.0992, -7.4177

Deuteranopia

41.3530, 1.3050, 1.4444



Tritanopia

37.3630, -7.0810, 31.2536

Trichromacy



Original Color

35.4140, 5.7119, 34.7169

Protanomaly

38.5740, 9.5770, 8.2666

Deuteranomaly

39.1850, 2.8668, 13.8698

Tritanomaly

36.9270, -2.4290, 32.5130

Monochromacy



Original Color

35.4140, 5.7119, 34.7169

Achromatopsia

35.0000, 0.0000, 0.0000

Achromatomaly

35.2450, 1.8512, 12.9401

CSS Examples

Text

The CSS property to change the color of the text to YUV 35.4140, 5.7119, 34.7169 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(75, 13, 47)` looks like.

```
.text, #text, p{  
    color:rgb(75, 13, 47)  
}
```

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(75, 13, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 13, 47) }
```

Border

The CSS property to change the border of an element to YUV 35.4140, 5.7119, 34.7169 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(75, 13, 47) }
```


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

```
.border{ border-color:rgb(75, 13, 47) }
```

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

Here you see how a box with a 4 pixel rgb(75, 13, 47) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 13, 47); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 13, 47);  
box-shadow:4px 4px 4px 4px rgb(75, 13, 47)  
}
```

Background

The CSS property to change the background color of an element to YUV 35.4140, 5.7119, 34.7169 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 13, 47) }
```

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

```
.background{ background-color: rgb(75, 13,  
47) }
```

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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