

Converting Colors

YUV(34.7050, 17.8934, 47.6167)

Have a look what the booklet for
YUV(34.7050, 17.8934, 47.6167)
contains.

YUV(34.7050, 17.8934, 47.6167)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	30

Color

**YUV(34.7050, 17.8934,
47.6167)**

Conversions

Conversions Part 1

Format	Color
Hex	590047
RGB	89, 0, 71
RGB Percent	35%, 0%, 28%
CMY	0.6510, 1.0000, 0.7216
CMYK	0.00, 1.00, 0.20, 0.65
HSL	312°, 100%, 17%
HSV	312°, 100%, 35%
XYZ	5.2572, 2.5788, 6.1819
YIQ	34.7050, 30.2530, 40.9490

Conversions

Conversions Part 2

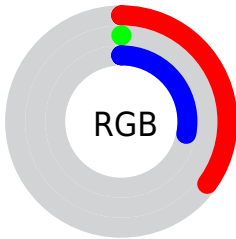
Format	Color
R_{YB}	89, 0, 71
Decimal	5832775
CIE _{Lab}	18.27, 42.78, -17.78
CIE _{LCh}	18, 46.332, 337.433
Yxy	2.5788, 0.3750, 0.1840
Android (android.graphics.Color)	4284022855 (0xFF590047)
YUV	34.7050, 17.8934, 47.6167
Hunter-Lab	16.0586, 30.3337, -11.5833

Details

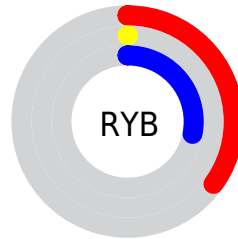
The YUV color **34.7050, 17.8934, 47.6167** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **54.2950, -17.8934, -47.6167**, and the grayscale version is **35.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **90.7710, 14.4099, 44.9278**, and **15.7500, 6.0393, 23.0212** is the 20% darker color. If you saturate the color by 10%, you get **34.7050, 17.8934, 47.6167**, and if you desaturate by 10%, it is **40.2160, 16.1625, 42.7836**.

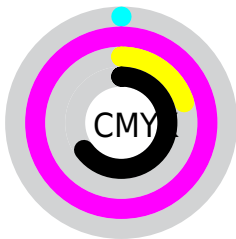
Distribution



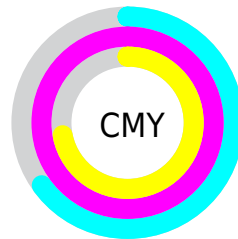
- Red (35%)
- Green (0%)
- Blue (28%)



- Red (35%)
- Yellow (0%)
- Blue (28%)



- Cyan (0%)
- Magenta (100%)
- Yellow (20%)
- Black (65%)




- Cyan (65%)
- Magenta (100%)
- Yellow (72%)


Brightness & Saturation Gradients


These gradients show how the YUV color 34.7050, 17.8934, 47.6167 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 34.7050, 17.8934, 47.6167 by changing the saturation by 10% instead.

 34.7050, 17.8934,
47.6167


 34.7050, 17.8934,
47.6167

 251.4780, 1.7363,
3.0888


 24.3090, 11.6797,
33.9320


 90.7710, 14.4099,
44.9278


 15.7500, 6.0393,
23.0212

 117.2550, 13.6783,
46.2574

 0.0000, 0.0000,
0.0000


 143.9670, 13.8203,
47.3869


 170.9780, 13.8148,
49.1313


 198.5050, 14.5410,
49.5461


 218.0190, 18.2316,


32.4323


 234.4550, 10.1287,
18.0180

 34.7050, 17.8934,
47.6167

 40.2160, 16.1625,
42.7836

 45.7270, 14.4316,
37.9504

 51.1240, 12.2639,
33.2173

 56.6350, 10.5329,
28.3841

 62.1460, 8.8020,
23.5510

■ 67.0700, 7.3605,
19.2326

■ 72.5810, 5.6296,
14.3995

■ 77.9780, 3.4618,
9.6663

■ 83.4890, 1.7309,
4.8331

Harmonies

Analogous

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



44.4440, 26.8961, 6.6266



34.7050, 17.8934, 47.6167



34.5310, 1.7102, 58.2933

Triad

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



34.7050, 17.8934, 47.6167



41.6530, -20.5349, 6.4433



43.7360, 20.3432, -38.3565

Complementary

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



34.7050, 17.8934, 47.6167



54.2950, -17.8934, -47.6167

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.



39.9740, 5.9288, -35.0572



34.7050, 17.8934, 47.6167



33.5030, -16.5170, -22.3661

Square

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



34.7050, 17.8934, 47.6167



42.0950, -20.7528, 29.7347



35.2830, -9.5065, -30.9432



44.4830, 30.8209, -39.0116

Rectangle

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



34.7050, 17.8934, 47.6167



31.1260, -7.4571, 58.6485



35.2830, -9.5065, -30.9432



42.5960, 15.9752, -37.3567

Sweetspot

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



34.7050, 17.8934, 47.6167



93.6570, 7.0711, 18.7178



15.5280, 36.2217, 2.1679



46.1030, 3.8932, 11.3107



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.



34.7050, 17.8934, 47.6167



44.8730, 23.2336, 61.5014



29.6890, -1.3257, 52.0157



40.5380, 0.7208, 2.1592



41.6830, 21.3553, 57.2830



91.5830, 47.0406, 125.7767

Inverse Universe

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



34.7050, 17.8934, 47.6167



44.8730, 23.2336, 61.5014



59.3110, 1.3257, -52.0157



40.5380, 0.7208, 2.1592



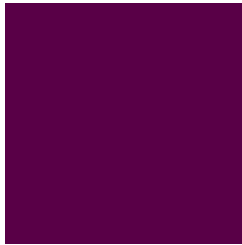
41.6830, 21.3553, 57.2830



91.5830, 47.0406, 125.7767

Previews

White Background



This preview shows how the YUV color 34.7050, 17.8934, 47.6167 looks on a white background.

Color Contrast Check

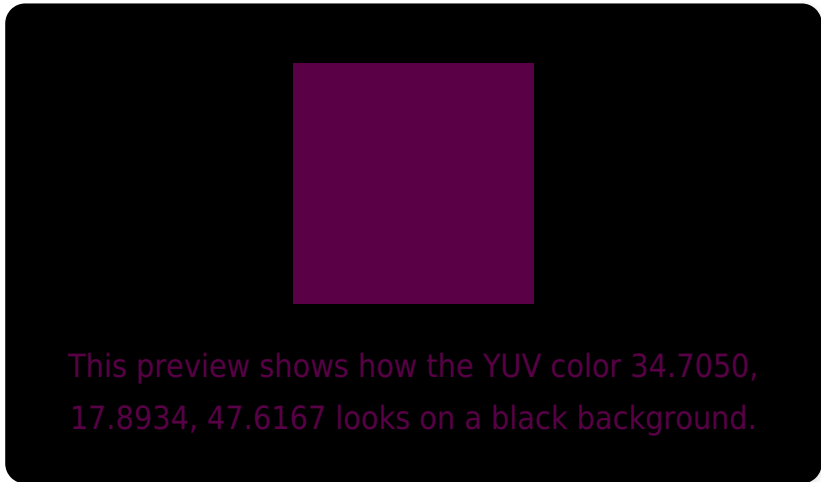
Large Text (above 18pt) WCAG AA ✓ Pass

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

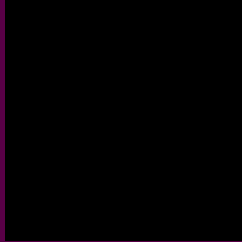
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 34.7050, 17.8934, 47.6167

Background



This preview shows how black text looks on a background with the YUV color 34.7050, 17.8934, 47.6167.



This preview shows how white text looks on a background with the YUV color 34.7050, 17.8934,

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



Protanopia

38.9890, 30.0784, -34.1934

Deuteranopia

48.6710, 9.0362, -4.9735

Tritanopia

45.4560, -8.1128, 35.5571

Trichromacy



Protanomaly

37.3240, 25.4763, -4.6691

Deuteranomaly

43.8890, 11.8867, 14.1293

Tritanomaly

41.5950, 1.1857, 39.8202

Monochromacy



Achromatopsia

35.0000, 0.0000, 0.0000

Achromatomaly

34.8310, 6.4923, 17.6882

CSS Examples

Text

The CSS property to change the color of the text to YUV 34.7050, 17.8934, 47.6167 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(89, 0, 71)` looks like.

```
.text, #text, p{  
    color:rgb(89, 0, 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(89, 0, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 0, 71) }
```

Border

The CSS property to change the border of an element to YUV 34.7050, 17.8934, 47.6167 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(89, 0, 71) }
```

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

```
.border{ border-color:rgb(89, 0, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 0, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 0, 71); -webkit-box-shadow:4px  
4px 4px 4px rgb(89, 0, 71); box-shadow:4px  
4px 4px 4px rgb(89, 0, 71) }
```


Background

The CSS property to change the background color of an element to YUV 34.7050, 17.8934, 47.6167 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 0, 71) }
```

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

```
.background{ background-color: rgb(89, 0,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor