

Converting Colors

YUV(35.1670, 17.1727, 45.4575)

Have a look what the booklet for
YUV(35.1670, 17.1727, 45.4575)
contains.

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Color

**YUV(35.1670, 17.1727,
45.4575)**

Conversions

Conversions Part 1

Format	Color
Hex	570246
RGB	87, 2, 70
RGB Percent	34%, 1%, 27%
CMY	0.6588, 0.9922, 0.7255
CMYK	0.00, 0.98, 0.20, 0.66
HSL	312°, 96%, 17%
HSV	312°, 98%, 34%
XYZ	5.0577, 2.5118, 6.0126
YIQ	35.1670, 28.8320, 39.1680

Conversions

Conversions Part 2

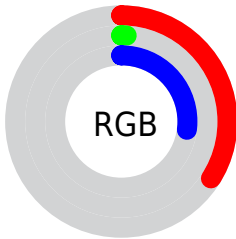
Format	Color
R_{YB}	87, 2, 70
Decimal	5702214
CIE _{Lab}	17.97, 41.63, -17.59
CIE _{LCh}	18, 45.196, 337.098
Yxy	2.5118, 0.3724, 0.1849
Android (android.graphics.Color)	4283892294 (0xFF570246)
YUV	35.1670, 17.1727, 45.4575
Hunter-Lab	15.8488, 29.2276, -11.3989

Details

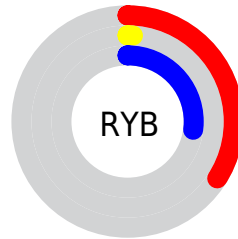
The YUV color **35.1670, 17.1727, 45.4575** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **53.8330, -17.1727, -45.4575**, and the grayscale version is **35.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **90.6460, 13.9785, 43.2835**, and **15.0380, 5.8973, 21.8917** is the 20% darker color. If you saturate the color by 10%, you get **33.9930, 17.7515, 46.4871**, and if you desaturate by 10%, it is **40.6780, 15.4417, 40.6244**.

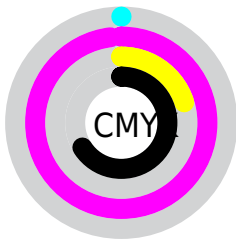
Distribution



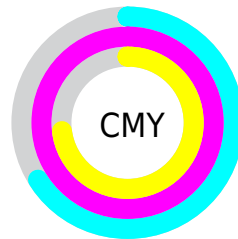
- Red (34%)
- Green (1%)
- Blue (27%)



- Red (34%)
- Yellow (1%)
- Blue (27%)



- Cyan (0%)
- Magenta (98%)
- Yellow (20%)
- Black (66%)





- Cyan (66%)
- Magenta (99%)
- Yellow (73%)

Brightness & Saturation Gradients


These gradients show how the YUV color 35.1670, 17.1727, 45.4575 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 35.1670, 17.1727, 45.4575 by changing the saturation by 10% instead.

 35.1670, 17.1727,
45.4575


 35.1670, 17.1727,
45.4575

 252.0650, 1.4470,
2.5740


 23.8960, 11.3903,
33.4172


 90.6460, 13.9785,
43.2835


 15.0380, 5.8973,
21.8917

 116.2440, 13.6837,
44.5130

 0.0000, 0.0000,
0.0000

 142.9560, 13.8257,
45.6426


 169.9670, 13.8203,
47.3869


 197.6790, 13.9623,
48.5165


 218.0190, 18.2316,


32.4323


 235.0420, 9.8393,
17.5032


 35.1670, 17.1727,
45.4575


 35.1670, 17.1727,
45.4575


 33.9930, 17.7515,
46.4871

 40.6780, 15.4417,
40.6244

 45.4880, 13.5634,
36.4060

 50.9990, 11.8325,
31.5729

 56.5100, 10.1016,
26.7397

 62.0210, 8.3706,
21.9066

■ 66.8310, 6.4923,
17.6882

■ 72.3420, 4.7614,
12.8551

■ 77.8530, 3.0305,
8.0219

■ 82.7770, 1.5889,
3.7036

Harmonies

Analogous

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



43.9170, 26.1699, 6.2118



35.1670, 17.1727, 45.4575



33.9330, 2.0050, 57.0638

Triad

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



35.1670, 17.1727, 45.4575



41.0660, -20.2455, 6.9581



42.9210, 19.7589, -37.6417

Complementary

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



35.1670, 17.1727, 45.4575



53.8330, -17.1727, -45.4575

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.



39.2730, 5.7814, -34.4424



35.1670, 17.1727, 45.4575



33.5140, -16.5224, -20.6218

Square

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



35.1670, 17.1727, 45.4575



41.2090, -20.3160, 29.6347



34.6960, -9.2171, -30.4284



43.6680, 30.2367, -38.2968

Rectangle

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



35.1670, 17.1727, 45.4575



30.5280, -7.1623, 57.4189



34.6960, -9.2171, -30.4284



41.7810, 15.3910, -36.6419

Sweetspot

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



35.1670, 17.1727, 45.4575



92.5320, 6.6397, 17.0734



16.7730, 34.6219, 1.9531



43.8040, 4.0406, 10.6959



184.0000, 0.0000, 0.0000



56.0000, 0.0000, 0.0000

Same Dimension

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



35.1670, 17.1727, 45.4575



43.7480, 22.8022, 59.8570



30.3790, -1.1728, 49.6566



40.5380, 0.7208, 2.1592



41.7970, 21.7921, 57.1830



91.6970, 47.4774, 125.6767

Inverse Universe

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



35.1670, 17.1727, 45.4575



43.7480, 22.8022, 59.8570



58.7350, 1.6096, -49.7566



40.5380, 0.7208, 2.1592



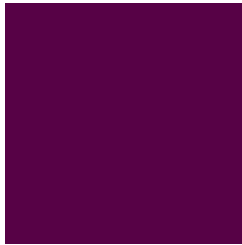
41.7970, 21.7921, 57.1830



91.6970, 47.4774, 125.6767

Previews

White Background



This preview shows how the YUV color 35.1670, 17.1727, 45.4575 looks on a white background.

Color Contrast Check

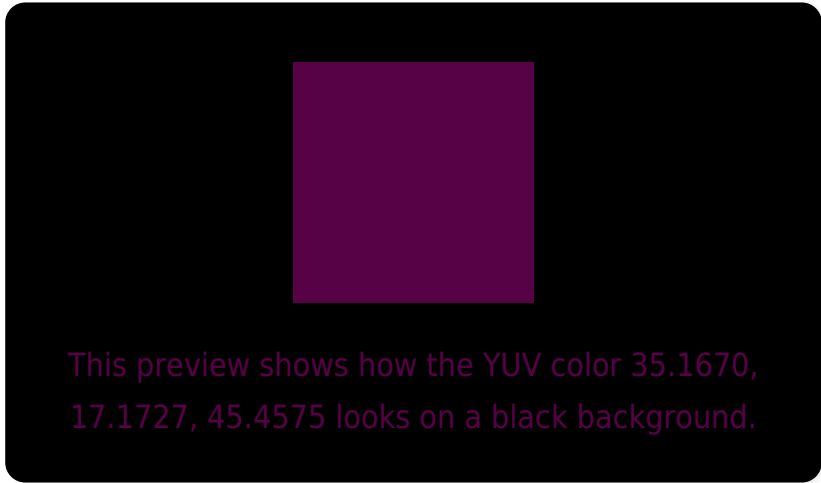
Large Text (above 18pt) WCAG AA ✓ Pass

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

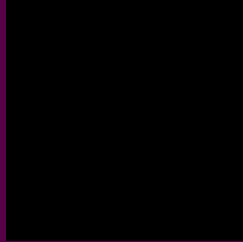
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 35.1670, 17.1727, 45.4575

Background



This preview shows how black text looks on a background with the YUV color 35.1670, 17.1727, 45.4575.



This preview shows how white text looks on a background with the YUV color 35.1670, 17.1727,

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

35.1670, 17.1727, 45.4575

Protanopia

38.1740, 29.4942, -33.4786

Deuteranopia

47.6710, 9.0362, -4.9735



Tritanopia

44.8580, -7.8180, 34.3275

Trichromacy



Original Color

35.1670, 17.1727, 45.4575

Protanomaly

37.2100, 25.0395, -4.5692

Deuteranomaly

43.1770, 11.7447, 12.9998

Tritanomaly

41.5840, 1.1911, 38.0758

Monochromacy



Original Color

35.1670, 17.1727, 45.4575

Achromatopsia

35.0000, 0.0000, 0.0000

Achromatomaly

35.1190, 6.3503, 16.5586

CSS Examples

Text

The CSS property to change the color of the text to YUV 35.1670, 17.1727, 45.4575 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(87, 2, 70)` looks like.

```
.text, #text, p{  
    color:rgb(87, 2, 70)  
}
```

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(87, 2, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 2, 70) }
```

Border

The CSS property to change the border of an element to YUV 35.1670, 17.1727, 45.4575 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(87, 2, 70) }
```


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

```
.border{ border-color:rgb(87, 2, 70) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 2, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 2, 70); -webkit-box-shadow:4px  
4px 4px 4px rgb(87, 2, 70); box-shadow:4px  
4px 4px 4px rgb(87, 2, 70) }
```

Background

The CSS property to change the background color of an element to YUV 35.1670, 17.1727, 45.4575 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 2, 70) }
```

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

```
.background{ background-color: rgb(87, 2,  
70) }
```

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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