

# Converting Colors

YUV(34.2460, 17.1337, 11.1853)

Have a look what the booklet for  
YUV(34.2460, 17.1337, 11.1853)  
contains.

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# Color

**YUV(34.2460, 17.1337,  
11.1853)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>             |
|---------------|--------------------------|
| Hex           | 2F1545                   |
| RGB           | 47, 21, 69               |
| RGB Percent   | 18%, 8%, 27%             |
| CMY           | 0.8157, 0.9176, 0.7294   |
| CMYK          | 0.32, 0.70, 0.00, 0.73   |
| HSL           | 272°, 53%, 18%           |
| HSV           | 272°, 70%, 27%           |
| XYZ           | 2.5146, 1.5703, 5.8008   |
| YIQ           | 34.2460, 0.0880, 20.4400 |

# Conversions

## Conversions Part 2

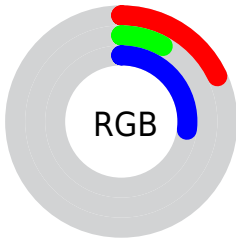
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>RYB</b>                          | 47, 21, 69                    |
| Decimal                             | 3085637                       |
| CIELab                              | 13.05, 23.78, -25.17          |
| CIELCh                              | 13, 34.627, 313.369           |
| Yxy                                 | 1.5703, 0.2544,<br>0.1588     |
| Android<br>(android.graphics.Color) | 4281275717<br>(0xFF2F1545)    |
| YUV                                 | 34.2460, 17.1337,<br>11.1853  |
| Hunter-Lab                          | 12.5313, 13.8894,<br>-18.6736 |

# Details

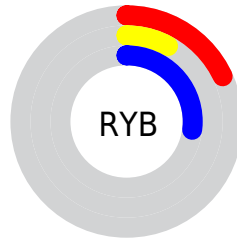
The YUV color **34.2460, 17.1337, 11.1853** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **55.7540, -17.1337, -11.1853**, and the grayscale version is **34.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **80.0120, 18.7281, 13.1445**, and **3.4370, 10.6306, -3.0142** is the 20% darker color. If you saturate the color by 10%, you get **29.2400, 19.6017, 12.9445**, and if you desaturate by 10%, it is **39.2520, 14.6658, 9.4260**.

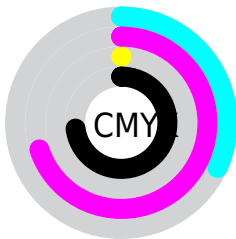
# Distribution



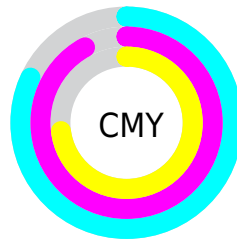
- Red (18%)
- Green (8%)
- Blue (27%)



- Red (18%)
- Yellow (8%)
- Blue (27%)



- Cyan (32%)
- Magenta (70%)
- Yellow (0%)
- Black (73%)



- Cyan (82%)
- Magenta (92%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 34.2460, 17.1337, 11.1853 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 34.2460, 17.1337, 11.1853 by changing the saturation by 10% instead.



■ 34.2460, 17.1337,  
11.1853

■ 34.2460, 17.1337,  
11.1853

■ 252.0650, 1.4470,  
2.5740

■ 13.4310, 16.5495,  
11.9000

■ 80.0120, 18.7281,  
13.1445

■ 3.4370, 10.6306,  
-3.0142

■ 104.4250, 19.0175,  
13.6593

■ 0.0000, 0.0000,  
0.0000

■ 130.2510, 19.5963,  
14.6889

■ 156.6640, 19.8856,  
15.2037

■ 183.3050, 21.0486,  
15.5185

■ 211.0170, 21.1906,

16.6481

235.0420, 9.8393,  
17.5032

34.2460, 17.1337,  
11.1853

34.2460, 17.1337,  
11.1853

29.2400, 19.6017,  
12.9445

39.2520, 14.6658,  
9.4260

24.2340, 22.0696,  
14.7038

44.2580, 12.1978,  
7.6667

19.2280, 24.5376,  
16.4630

49.2640, 9.7298,  
5.9075

18.9290, 24.6850,  
15.8483

54.5690, 7.1145,  
4.7630

59.5750, 4.6465,  
3.0037

■ 63.9940, 2.4680,  
1.7593

■ 69.0000, 0.0000,  
0.0000

■ 74.0060, -2.4680,  
-1.7593

■ 79.0120, -4.9359,  
-3.5185

# Harmonies

## Analogous

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



28.6050, 25.8307, -25.0866



34.2460, 17.1337, 11.1853



29.0380, 9.3483, 35.0467

# Triad

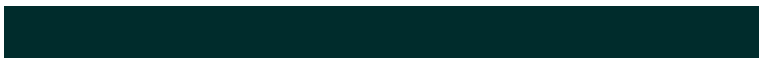
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



34.2460, 17.1337, 11.1853



31.9950, -15.7735, 19.2984



30.8440, 6.4859, -27.0502

# Complementary

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



34.2460, 17.1337, 11.1853



55.7540, -17.1337, -11.1853

# 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.



27.4070, -4.1447, -24.0359



34.2460, 17.1337, 11.1853



30.9990, -15.2825, 1.7549

# Square

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



34.2460, 17.1337, 11.1853



28.8490, -14.2226, 35.2124



25.5620, -12.6021, -18.0329



32.7650, 16.3849, -28.7349



# Rectangle

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



34.2460, 17.1337, 11.1853



25.7740, 3.0694, 42.2942



25.5620, -12.6021, -18.0329



29.9320, 2.9915, -26.2504

# Sweetspot

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



34.2460, 17.1337, 11.1853



76.0420, 6.3883, 4.3482



39.3860, 14.5997, -16.1245



37.4610, 4.2097, 3.1037



173.0000, 0.0000, 0.0000



46.0000, 0.0000, 0.0000



# Same Dimension

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



34.2460, 17.1337, 11.1853



35.3960, 26.4268, 17.1927



40.5960, 13.0172, 24.9103



33.0540, 1.4524, 0.8296



27.4320, 35.2830, 23.3001



62.6550, 81.0221, 52.9226



# Inverse Universe

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



37.8600, 2.5340, 27.3098



41.0020, 3.9430, 42.0942



49.4040, -13.0172, -24.9103



33.4240, 0.2840, 2.2592



34.8450, 5.4994, 56.2639



79.7290, 11.9656, 129.1567



# Previews

## White Background



This preview shows how the YUV color 34.2460, 17.1337, 11.1853 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

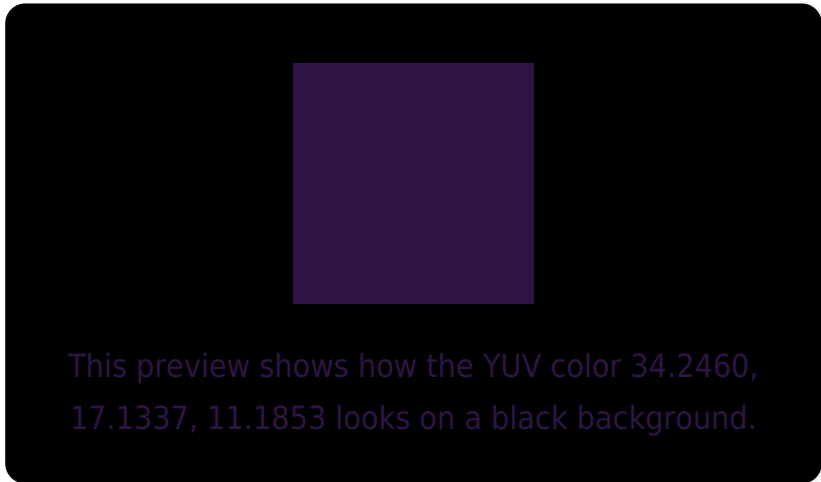
Any Text WCAG AA ✓ Pass

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

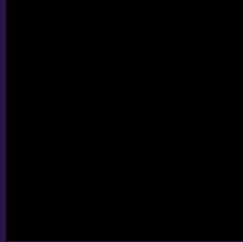
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 34.2460, 17.1337, 11.1853

## Background



This preview shows how black text looks on a background with the YUV color 34.2460, 17.1337, 11.1853.



This preview shows how white text looks on a background with the YUV color 34.2460, 17.1337,



# 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

34.2460, 17.1337, 11.1853

### Protanopia

27.4650, 21.4628, -24.0868

### Deuteranopia

27.6130, 16.9528, -24.2166



## Tritanopia

35.0330, -0.0163, 5.2331

# Trichromacy



## Original Color

34.2460, 17.1337, 11.1853

## Protanomaly

30.0860, 19.6776, -11.4764

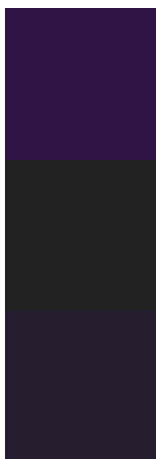
## Deuteranomaly

30.1030, 17.2042, -11.4913

## Tritanomaly

34.6510, 6.0881, 7.3221

# Monochromacy



## Original Color

34.2460, 17.1337, 11.1853

## Achromatopsia

34.0000, 0.0000, 0.0000

## Achromatomaly

34.0420, 6.3883, 4.3482

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 34.2460, 17.1337, 11.1853 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(47, 21, 69)` looks like.

```
.text, #text, p{  
    color:rgb(47, 21, 69)  
}
```

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(47, 21, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 21, 69) }
```

## Border

The CSS property to change the border of an element to YUV 34.2460, 17.1337, 11.1853 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(47, 21, 69) }
```



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

```
.border{ border-color:rgb(47, 21, 69) }
```

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

Here you see how a box with a 4 pixel rgb(47, 21, 69) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 21, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 21, 69);  
box-shadow:4px 4px 4px 4px rgb(47, 21, 69)  
}
```

# Background

The CSS property to change the background color of an element to YUV 34.2460, 17.1337, 11.1853 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 21, 69) }
```

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

```
.background{ background-color: rgb(47, 21,  
69) }
```

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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