

Converting Colors

YUV(18.3450, 13.6339, 13.7294)

Have a look what the booklet for
YUV(18.3450, 13.6339, 13.7294)
contains.

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Color

**YUV(18.3450, 13.6339,
13.7294)**

Conversions

Conversions Part 1

Format	Color
Hex	22052E
RGB	34, 5, 46
RGB Percent	13%, 2%, 18%
CMY	0.8667, 0.9804, 0.8196
CMYK	0.26, 0.89, 0.00, 0.82
HSL	282°, 80%, 10%
HSV	282°, 89%, 18%
XYZ	1.2071, 0.6459, 2.6458
YIQ	18.3450, 4.1230, 18.8990

Conversions

Conversions Part 2

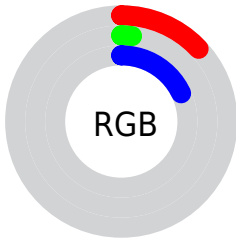
Format	Color
R_{YB}	34, 5, 46
Decimal	2229550
CIE Lab	5.83, 22.54, -20.28
CIE LCh	6, 30.325, 318.019
Yxy	0.6459, 0.2683, 0.1436
Android (android.graphics.Color)	4280419630 (0xFF22052E)
YUV	18.3450, 13.6339, 13.7294
Hunter-Lab	8.0367, 12.7464, -13.8937

Details

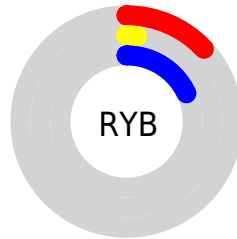
The YUV color **18.3450, 13.6339, 13.7294** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **32.6550, -13.6339, -13.7294**, and the grayscale version is **18.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **63.1710, 14.2127, 14.7590**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **15.1110, 15.2283, 15.6887**, and if you desaturate by 10%, it is **21.5790, 12.0396, 11.7702**.

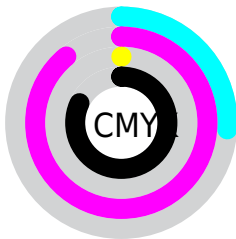
Distribution



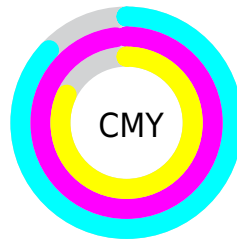
- Red (13%)
- Green (2%)
- Blue (18%)



- Red (13%)
- Yellow (2%)
- Blue (18%)



- Cyan (26%)
- Magenta (89%)
- Yellow (0%)
- Black (82%)



- Cyan (87%)
- Magenta (98%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YUV color 18.3450, 13.6339, 13.7294 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 18.3450, 13.6339, 13.7294 by changing the saturation by 10% instead.

■ 18.3450, 13.6339,
13.7294

■ 18.3450, 13.6339,
13.7294

■ 240.3250, 7.2348,
12.8700

■ 2.8500, 10.9200,
-2.4994

■ 63.1710, 14.2127,
14.7590

■ 0.0000, 0.0000,
0.0000

■ 86.9970, 14.7915,
15.7886


■ 111.5240, 15.5177,
16.2035


■ 137.2360, 15.6597,
17.3330


■ 163.7630, 16.3858,
17.7478


■ 191.1760, 16.6752,


18.2626


 219.1760, 16.6752,
18.2626

 18.3450, 13.6339,
13.7294


 18.3450, 13.6339,
13.7294


 15.1110, 15.2283,
15.6887

 21.5790, 12.0396,
11.7702

 24.5250, 10.5872,
10.9406

 27.7590, 8.9928,
8.9814

 30.4060, 7.6878,
7.5369

 33.9390, 5.9461,
6.1925

■ 37.1730, 4.3517,
4.2333

■ 39.8200, 3.0467,
2.7889

■ 43.3530, 1.3050,
1.4444

■ 46.0000, 0.0000,
0.0000

Harmonies

Analogous

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



16.4770, 19.9778, -14.4503



18.3450, 13.6339, 13.7294



17.8430, 5.0074, 27.3247

Triad

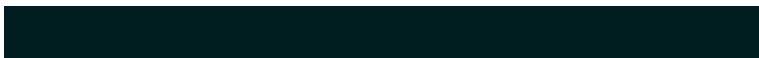
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



18.3450, 13.6339, 13.7294



18.6720, -9.2053, 12.5657



21.1440, 4.8590, -18.5433

Complementary

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



18.3450, 13.6339, 13.7294



32.6550, -13.6339, -13.7294

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.



17.5930, -6.2083, -15.4291



18.3450, 13.6339, 13.7294



15.8930, -7.8352, -6.9222

Square

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



18.3450, 13.6339, 13.7294



16.1020, -7.9383, 26.2205



16.4360, -8.1029, -14.4144



22.4950, 12.5740, -19.7281

Rectangle

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



18.3450, 13.6339, 13.7294



17.2150, -2.5710, 31.3834



16.4360, -8.1029, -14.4144



19.7590, 2.0908, -17.3286

Sweetspot

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



18.3450, 13.6339, 13.7294



48.1130, 5.3673, 5.1629



16.7180, 14.4360, -10.2767



24.2330, 3.3361, 3.3037



158.0000, 0.0000, 0.0000



31.0000, 0.0000, 0.0000

Same Dimension

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



18.3450, 13.6339, 13.7294



18.9850, 19.7274, 19.3072



21.0210, 8.3706, 21.9066



21.5270, 0.7262, 0.4148



28.1570, 29.0096, 28.8033



69.8440, 71.0689, 72.0508

Inverse Universe

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



18.6270, -0.8021, 24.0061



19.5790, -1.2714, 34.5722



29.9790, -8.3706, -21.9066



21.5980, -0.2948, 1.2296



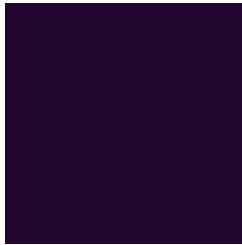
28.8630, -1.9045, 50.9861



71.1680, -4.0268, 125.2637

Previews

White Background



This preview shows how the YUV color 18.3450, 13.6339, 13.7294 looks on a white background.

Color Contrast Check

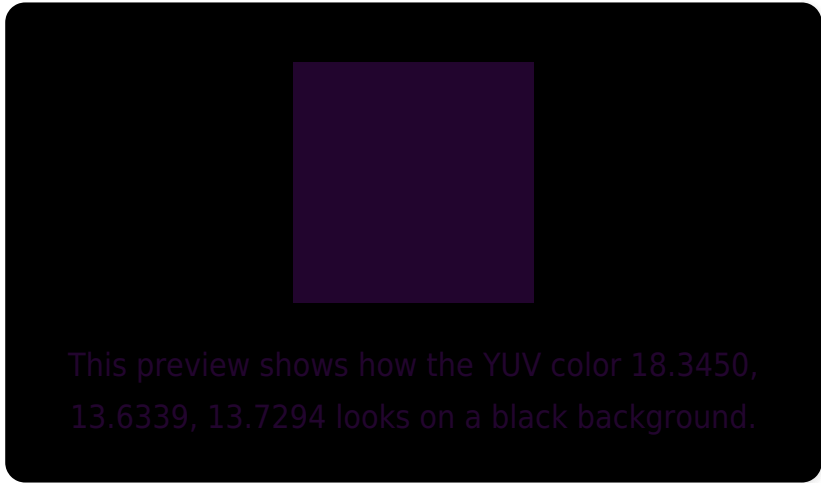
Large Text (above 18pt) WCAG AA ✓ Pass

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

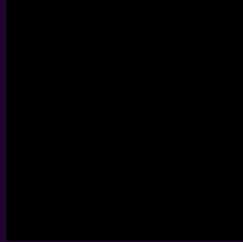
Any Text WCAG AA × Fail

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 18.3450, 13.6339, 13.7294 Background



This preview shows how black text looks on a background with the YUV color 18.3450, 13.6339, 13.7294.



This preview shows how white text looks on a background with the YUV color 18.3450, 13.6339,

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

18.3450, 13.6339, 13.7294

Protanopia

17.3430, 13.1419, -15.2098

Deuteranopia

17.3600, 10.6685, -15.2247



Tritanopia

21.8160, -0.8953, 7.1774

Trichromacy



Original Color

18.3450, 13.6339, 13.7294

Protanomaly

17.5230, 13.5462, -4.8437

Deuteranomaly

17.7680, 11.9464, -5.0585

Tritanomaly

20.2060, 4.3354, 9.4663

Monochromacy



Original Color

18.3450, 13.6339, 13.7294

Achromatopsia

18.0000, 0.0000, 0.0000

Achromatomaly

17.9990, 4.9305, 5.2629

CSS Examples

Text

The CSS property to change the color of the text to YUV 18.3450, 13.6339, 13.7294 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(34, 5, 46)` looks like.

```
.text, #text, p{  
    color:rgb(34, 5, 46)  
}
```

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(34, 5, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(34, 5, 46) }
```

Border

The CSS property to change the border of an element to YUV 18.3450, 13.6339, 13.7294 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(34, 5, 46) }
```


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

```
.border{ border-color:rgb(34, 5, 46) }
```

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

Here you see how a box with a 4 pixel `rgb(34, 5, 46)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(34, 5, 46); -webkit-box-shadow:4px  
4px 4px 4px rgb(34, 5, 46); box-shadow:4px  
4px 4px 4px rgb(34, 5, 46) }
```

Background

The CSS property to change the background color of an element to YUV 18.3450, 13.6339, 13.7294 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(34, 5, 46) }
```

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

```
.background{ background-color: rgb(34, 5,  
46) }
```

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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