

Converting Colors

YUV(33.8540, 18.3130, 6.2670)

Have a look what the booklet for
YUV(33.8540, 18.3130, 6.2670)
contains.

YUV(33.8540, 18.3130, 6.2670)	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>	31

Color

**YUV(33.8540, 18.3130,
6.2670)**

Conversions

Conversions Part 1

Format	Color
Hex	291747
RGB	41, 23, 71
RGB Percent	16%, 9%, 28%
CMY	0.8392, 0.9098, 0.7216
CMYK	0.42, 0.68, 0.00, 0.72
HSL	262°, 51%, 18%
HSV	262°, 68%, 28%
XYZ	2.3582, 1.5391, 6.1340
YIQ	33.8540, -4.6800, 18.7440

Conversions

Conversions Part 2

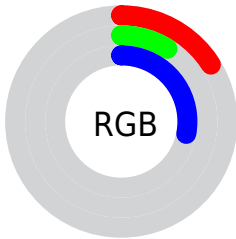
Format	Color
RYB	41, 23, 71
Decimal	2692935
CIELab	12.85, 21.46, -26.92
CIELCh	13, 34.425, 308.557
Yxy	1.5391, 0.2351, 0.1534
Android (android.graphics.Color)	4280883015 (0xFF291747)
YUV	33.8540, 18.3130, 6.2670
Hunter-Lab	12.4062, 12.2185, -20.6305

Details

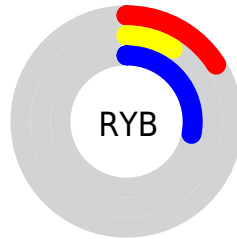
The YUV color **33.8540, 18.3130, 6.2670** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **60.1460, -18.3130, -6.2670**, and the grayscale version is **34.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **79.6200, 19.9073, 8.2263**, and **3.6650, 11.5042, -3.2142** is the 20% darker color. If you saturate the color by 10%, you get **28.5490, 20.9283, 7.4115**, and if you desaturate by 10%, it is **39.1590, 15.6976, 5.1226**.

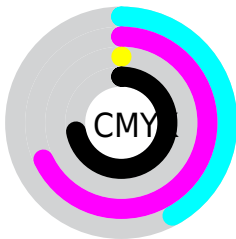
Distribution



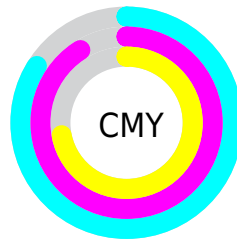
- Red (16%)
- Green (9%)
- Blue (28%)



- Red (16%)
- Yellow (9%)
- Blue (28%)



- Cyan (42%)
- Magenta (68%)
- Yellow (0%)
- Black (72%)



- Cyan (84%)
- Magenta (91%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YUV color 33.8540, 18.3130, 6.2670 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 33.8540, 18.3130, 6.2670 by changing the saturation by 10% instead.

■ 33.8540, 18.3130,
6.2670

■ 33.8540, 18.3130,
6.2670

■ 252.6520, 1.1576,
2.0592

■ 11.7510, 17.8708,
8.1114

■ 79.6200, 19.9073,
8.2263

■ 3.6650, 11.5042,
-3.2142

■ 104.1470, 20.6335,
8.6411

■ 0.0000, 0.0000,
0.0000

■ 129.0870, 21.6491,
9.5707

■ 155.5000, 21.9385,
10.0855

■ 182.3260, 22.5173,
11.1151

■ 210.2120, 22.0805,

11.2151

■ 235.3190, 9.7027,
14.6292

■ 33.8540, 18.3130,
6.2670

■ 33.8540, 18.3130,
6.2670

■ 28.5490, 20.9283,
7.4115

■ 39.1590, 15.6976,
5.1226

■ 22.9450, 23.6911,
7.9412

■ 44.7630, 12.9348,
4.5928

■ 17.6400, 26.3065,
9.0857

■ 50.0680, 10.3195,
3.4484

■ 16.1670, 27.0327,
9.5005

■ 55.6720, 7.5567,
2.9187

■ 61.5640, 4.6519,
1.2594

■ 67.1680, 1.8892,
0.7297

■ 72.4730, -0.7262,
-0.4148

■ 78.0770, -3.4890,
-0.9445

■ 83.3820, -6.1043,
-2.0890

Harmonies

Analogous

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



29.1920, 25.5413, -25.6014



33.8540, 18.3130, 6.2670



29.6570, 10.5221, 31.8728

Triad

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



33.8540, 18.3130, 6.2670



31.4190, -15.4896, 21.5575



30.3880, 4.7387, -26.6503

Complementary

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



33.8540, 18.3130, 6.2670



60.1460, -18.3130, -6.2670

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.



26.2500, -6.0393, -23.0212



33.8540, 18.3130, 6.2670



31.0210, -15.2934, 5.2436

Square

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



33.8540, 18.3130, 6.2670



27.3870, -13.5018, 37.3716



26.7690, -13.1971, -13.8294



32.4230, 15.0745, -28.4350

Rectangle

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



33.8540, 18.3130, 6.2670



25.8170, 4.5272, 41.3795



26.7690, -13.1971, -13.8294



28.7750, 1.0969, -25.2357

Sweetspot

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



33.8540, 18.3130, 6.2670



77.2590, 7.2673, 2.4039



46.0820, 12.2846, -20.2429



37.4500, 4.2152, 1.3594



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.



33.8540, 18.3130, 6.2670



33.9220, 28.6325, 9.7154



41.0300, 14.7752, 21.0217



32.7550, 1.5998, 0.2149



22.3490, 37.7889, 12.8489



51.2930, 86.6236, 29.5610

Inverse Universe

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



40.7720, 6.0284, 26.5100



44.7830, 9.4740, 41.4093



52.9700, -14.7752, -21.0217



33.4240, 0.2840, 2.2592



36.6690, 12.4882, 54.6643



84.0610, 28.5639, 125.3575

Previews

White Background



This preview shows how the YUV color 33.8540, 18.3130, 6.2670 looks on a white background.

Color Contrast Check

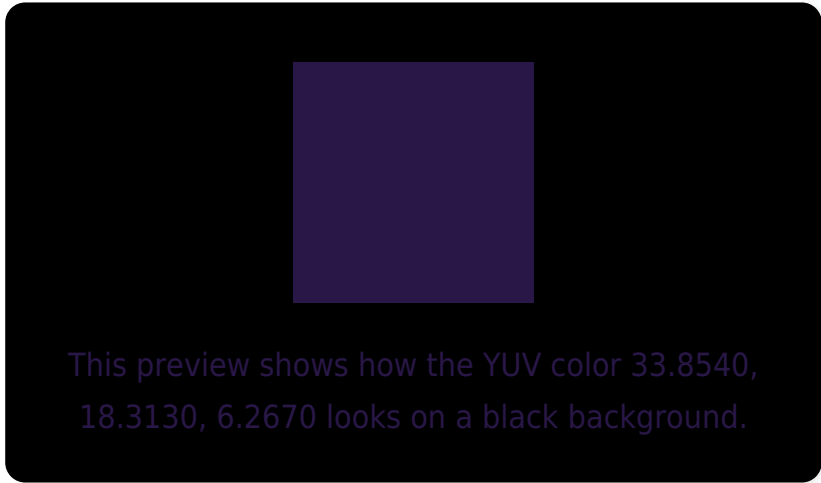
Large Text (above 18pt) WCAG AA ✓ Pass

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

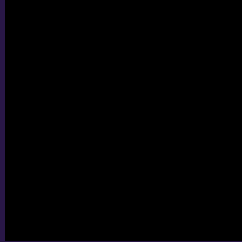
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 33.8540, 18.3130, 6.2670

Background



This preview shows how black text looks on a background with the YUV color 33.8540, 18.3130, 6.2670.



This preview shows how white text looks on a background with the YUV color 33.8540, 18.3130,

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

33.8540, 18.3130, 6.2670

Protanopia

27.2370, 20.5892, -23.8868

Deuteranopia

27.3850, 16.0792, -24.0166



Tritanopia

34.0430, 1.4578, -0.9147

Trichromacy



Original Color

33.8540, 18.3130, 6.2670

Protanomaly

29.4880, 19.9724, -12.7060

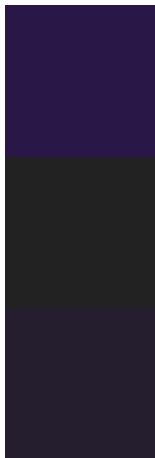
Deuteranomaly

29.9780, 16.7728, -13.1357

Tritanomaly

33.9600, 7.4147, 1.7891

Monochromacy



Original Color

33.8540, 18.3130, 6.2670

Achromatopsia

34.0000, 0.0000, 0.0000

Achromatomaly

34.0310, 6.3937, 2.6038

CSS Examples

Text

The CSS property to change the color of the text to YUV 33.8540, 18.3130, 6.2670 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(41, 23, 71)` looks like.

```
.text, #text, p{  
    color:rgb(41, 23, 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(41, 23, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 23, 71) }
```

Border

The CSS property to change the border of an element to YUV 33.8540, 18.3130, 6.2670 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(41, 23, 71) }
```


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

```
.border{ border-color:rgb(41, 23, 71) }
```

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

Here you see how a box with a 4 pixel rgb(41, 23, 71) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 23, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 23, 71);  
box-shadow:4px 4px 4px 4px rgb(41, 23, 71)  
}
```

Background

The CSS property to change the background color of an element to YUV 33.8540, 18.3130, 6.2670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 23, 71) }
```

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

```
.background{ background-color: rgb(41, 23,  
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](#).

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