

Converting Colors

YUV(33.7180, 34.6490, -6.7687)

Have a look what the booklet for
YUV(33.7180, 34.6490, -6.7687)
contains.

YUV(33.7180, 34.6490, -6.7687)	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(33.7180, 34.6490,
-6.7687)**

Conversions

Conversions Part 1

Format	Color
Hex	1A1868
RGB	26, 24, 104
RGB Percent	10%, 9%, 41%
CMY	0.8980, 0.9059, 0.5922
CMYK	0.75, 0.77, 0.00, 0.59
HSL	242°, 62%, 25%
HSV	242°, 77%, 41%
XYZ	3.2513, 1.8724, 13.2867
YIQ	33.7180, -24.4880, 25.3040

Conversions

Conversions Part 2

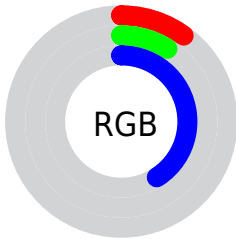
Format	Color
R_YB	26, 24, 104
Decimal	1710184
CIE _{Lab}	14.80, 29.54, -46.09
CIE _{LCh}	15, 54.746, 302.655
Y _{xy}	1.8724, 0.1766, 0.1017
Android (android.graphics.Color)	4279900264 (0xFF1A1868)
Y_{UV}	33.7180, 34.6490, -6.7687
Hunter-Lab	13.6834, 18.4676, -47.9929

Details

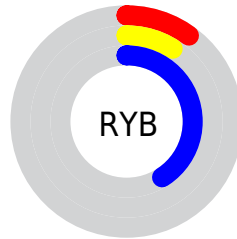
The YUV color **33.7180, 34.6490, -6.7687** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **94.2820, -34.6490, 6.7687**, and the grayscale version is **33.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **82.5170, 36.2271, 0.4236**, and **6.3840, 24.4607, -5.5988** is the 20% darker color. If you saturate the color by 10%, you get **24.8580, 39.0170, -7.7685**, and if you desaturate by 10%, it is **42.5780, 30.2810, -5.7689**.

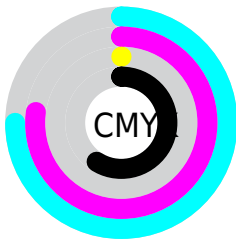
Distribution



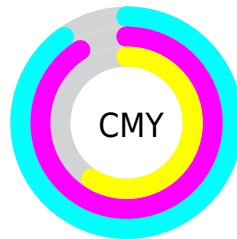
- Red (10%)
- Green (9%)
- Blue (41%)



- Red (10%)
- Yellow (9%)
- Blue (41%)



- Cyan (75%)
- Magenta (77%)
- Yellow (0%)
- Black (59%)



- Cyan (90%)
- Magenta (91%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the YUV color 33.7180, 34.6490, -6.7687 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 33.7180, 34.6490, -6.7687 by changing the saturation by 10% instead.

■ 33.7180, 34.6490,
-6.7687

■ 33.7180, 34.6490,
-6.7687

■ 253.8260, 0.5788,
1.0296

■ 10.1800, 33.9283,
-8.9279

■ 82.5170, 36.2271,
0.4236

■ 6.3840, 24.4607,
-5.5988

■ 107.7560, 37.0953,
1.9680

■ 4.9360, 13.8356,
-4.3289

■ 133.6960, 38.1109,
2.8976

■ 0.6840, 2.6208,
-0.5999

■ 160.6360, 39.1265,
3.8272

■ 0.0000, 0.0000,
0.0000

■ 185.9800, 34.0269,
6.1565

■ 210.5000, 21.9385,

10.0855

■ 236.4930, 9.1240,
13.5996

■ 33.7180, 34.6490,
-6.7687

■ 33.7180, 34.6490,
-6.7687

■ 24.8580, 39.0170,
-7.7685

■ 42.5780, 30.2810,
-5.7689

■ 15.4110, 43.6744,
-8.2534

■ 52.0250, 25.6237,
-5.2839

■ 12.7530, 44.9848,
-8.5534

■ 60.8850, 21.2557,
-4.2841

■ 70.6310, 16.4509,
-3.1844

■ 79.4910, 12.0829,
-2.1846

■ 88.3510, 7.7150,
-1.1848

■ 97.7980, 3.0576,
-0.6998

■ 106.6580, -1.3104,
0.2999

■ 116.1050, -5.9678,
0.7849

Harmonies

Analogous

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



38.5790, 38.6616, -33.8338



33.7180, 34.6490, -6.7687



33.2530, 20.0883, 43.6281

Triad

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



33.7180, 34.6490, -6.7687



32.6920, -16.1172, 36.2271



35.0840, 2.4236, -30.7687

Complementary

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



33.7180, 34.6490, -6.7687



94.2820, -34.6490, 6.7687

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.



29.3500, -14.4695, -25.7399



33.7180, 34.6490, -6.7687



34.8750, -17.1934, 8.0026

Square

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



33.7180, 34.6490, -6.7687



28.1060, -13.8563, 57.7890



27.0020, -13.3120, -23.6808



39.5300, 19.4587, -34.6678

Rectangle

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



33.7180, 34.6490, -6.7687



34.2900, 7.2520, 54.1197



27.0020, -13.3120, -23.6808



32.9010, -3.4022, -28.8542

Sweetspot

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



33.7180, 34.6490, -6.7687



107.8330, 13.3933, -2.4845



79.4930, 12.0820, -48.6674



52.1660, 8.2992, -1.8996



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

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



33.7180, 34.6490, -6.7687



26.0330, 53.7207, -10.5529



45.3790, 28.9002, 17.2076



46.5700, 2.1840, -0.4999



14.0070, 49.7895, -9.6531



29.3820, 104.8207, -20.5060

Inverse Universe

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



56.8120, 22.2777, 41.3839



61.8700, 34.5741, 64.1350



82.6210, -28.9002, -17.2076



48.0650, 1.4470, 2.5740



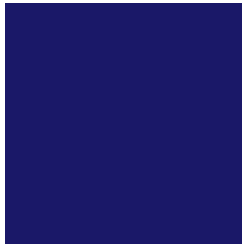
47.1530, 31.9696, 59.5018



99.2620, 67.4118, 125.1812

Previews

White Background



This preview shows how the YUV color 33.7180, 34.6490, -6.7687 looks on a white background.

Color Contrast Check

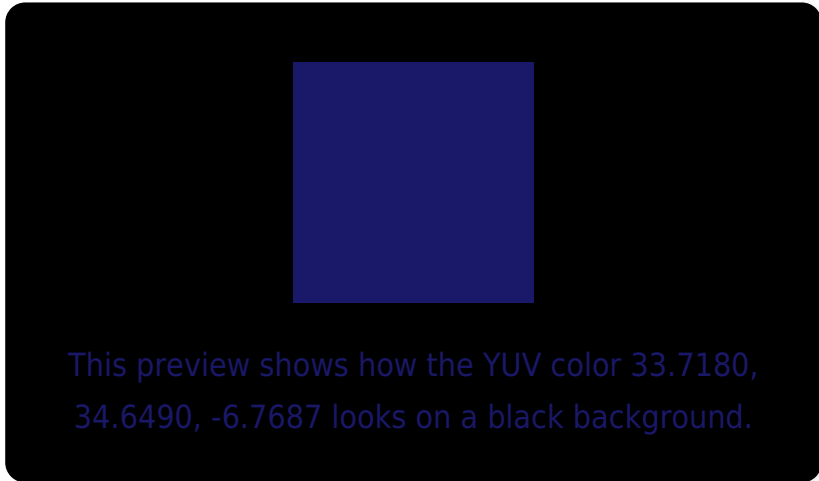
Large Text (above 18pt) WCAG AA ✓ Pass

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

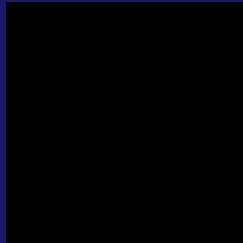
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 33.7180, 34.6490, -6.7687

Background



This preview shows how black text looks on a background with the YUV color 33.7180, 34.6490, -6.7687.



This preview shows how white text looks on a background with the YUV color 33.7180, 34.6490,

-6.7687.

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

33.7180, 34.6490, -6.7687

Protanopia

30.6110, 23.3628, -26.8458

Deuteranopia

30.4170, 17.5424, -26.6757



Tritanopia

29.7840, 7.5015, -26.1206

Trichromacy



Original Color

33.7180, 34.6490, -6.7687

Protanomaly

31.3930, 27.4143, -19.6387

Deuteranomaly

31.7690, 23.7779, -19.9684

Tritanomaly

30.7600, 17.3733, -19.0835

Monochromacy



Original Color

33.7180, 34.6490, -6.7687

Achromatopsia

34.0000, 0.0000, 0.0000

Achromatomaly

33.6050, 12.5197, -2.2846

CSS Examples

Text

The CSS property to change the color of the text to YUV 33.7180, 34.6490, -6.7687 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(26, 24, 104)` looks like.

```
.text, #text, p{  
    color:rgb(26, 24, 104)  
}
```

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(26, 24, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(26, 24, 104) }
```

Border

The CSS property to change the border of an element to YUV 33.7180, 34.6490, -6.7687 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(26, 24, 104) }
```


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

```
.border{ border-color:rgb(26, 24, 104) }
```

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

Here you see how a box with a 4 pixel rgb(26, 24, 104) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(26, 24, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(26, 24, 104);  
box-shadow:4px 4px 4px 4px rgb(26, 24,  
104) }
```

Background

The CSS property to change the background color of an element to YUV 33.7180, 34.6490, -6.7687 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(26, 24, 104) }
```

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

```
.background{ background-color: rgb(26, 24,  
104) }
```

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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