

Converting Colors

YUV(33.4940, -16.0195, 4.8288)

Have a look what the booklet for
YUV(33.4940, -16.0195, 4.8288)
contains.

YUV(33.4940, -16.0195, 4.8288)	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(33.4940, -16.0195,
4.8288)**

Conversions

Conversions Part 1

Format	Color
Hex	272501
RGB	39, 37, 1
RGB Percent	15%, 15%, 0%
CMY	0.8471, 0.8549, 0.9961
CMYK	0.00, 0.05, 0.97, 0.85
HSL	57°, 95%, 8%
HSV	57°, 97%, 15%
XYZ	1.5037, 1.7567, 0.2885
YIQ	33.4940, 12.7480, -10.7720

Conversions

Conversions Part 2

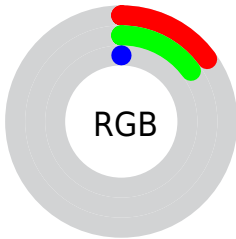
Format	Color
R_{YB}	3, 39, 1
Decimal	2565377
CIE Lab	14.15, -4.46, 20.28
CIE LCh	14, 20.761, 102.394
Yxy	1.7567, 0.4237, 0.4950
Android (android.graphics.Color)	4280755457 (0xFF272501)
YUV	33.4940, -16.0195, 4.8288
Hunter-Lab	13.2539, -2.9423, 7.9870

Details

The YUV color **33.4940, -16.0195, 4.8288** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **6.5060, 16.0195, -4.8288**, and the grayscale version is **34.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **79.0210, -15.2934, 5.2436**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **33.3800, -16.4563, 4.9287**, and if you desaturate by 10%, it is **33.9500, -14.2723, 4.4289**.

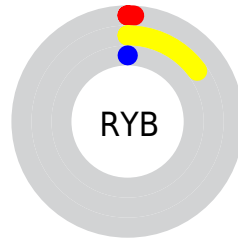
Distribution



Red (15%)

Green (15%)

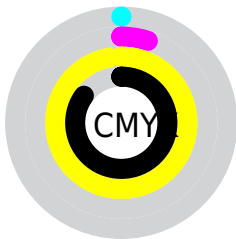
Blue (0%)



Red (1%)

Yellow (15%)

Blue (0%)

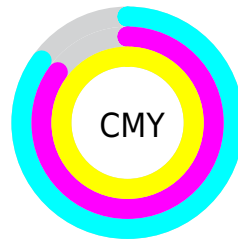


Cyan (0%)

Magenta (5%)

Yellow (97%)

Black (85%)



Cyan (85%)


Magenta (85%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the YUV color 33.4940, -16.0195, 4.8288 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 33.4940, -16.0195, 4.8288 by changing the saturation by 10% instead.

 33.4940, -16.0195,
4.8288


 33.4940, -16.0195,
4.8288


 251.8080,
-12.2303, 2.7994


 13.5670, -6.6885,
-1.3743


 79.0210, -15.2934,
5.2436

 0.0000, 0.0000,
0.0000

 102.9070,
-15.7302, 5.3436

 127.9780,
-16.7512, 6.1583


 154.1630,
-17.3354, 6.8730


 181.0490,
-17.7722, 6.9730


 208.3480,


-17.9196, 7.5878


 236.8210,
-18.6458, 7.1730


 33.4940, -16.0195,
4.8288


 33.4940, -16.0195,
4.8288


 33.3800, -16.4563,
4.9287

 33.9500, -14.2723,
4.4289

 34.4060, -12.5252,
4.0289

 35.4490, -11.0674,
3.1142

 35.9050, -9.3202,
2.7143

 36.2470, -8.0098,
2.4144

■ 36.7030, -6.2626,
2.0145

■ 37.1590, -4.5154,
1.6146

■ 38.2020, -3.0576,
0.6998

■ 38.6580, -1.3104,
0.2999

Harmonies

Analogous

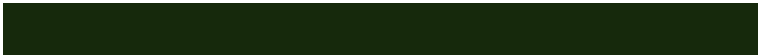
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



34.6740, -15.6153, 15.1949



33.4940, -16.0195, 4.8288



32.0130, -9.8664, -8.7814

Triad

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



33.4940, -16.0195, 4.8288



30.9240, 11.8695, -27.1203



36.5600, 4.1609, 18.8029

Complementary

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



33.4940, -16.0195, 4.8288



6.5060, 16.0195, -4.8288

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.



37.5630, 9.5824, 6.5222



33.4940, -16.0195, 4.8288



30.6620, 15.9426, -26.8906

Square

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



33.4940, -16.0195, 4.8288



30.0290, 5.9017, -26.3354



34.1200, 14.7308, -11.5062



35.7580, -2.8387, 23.8912

Rectangle

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



33.4940, -16.0195, 4.8288



29.2550, -3.5767, -19.5176



34.1200, 14.7308, -11.5062



37.4070, 6.2083, 15.4291

Sweetspot

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



33.4940, -16.0195, 4.8288



48.7030, -6.2626, 2.0145



12.7040, -4.2911, 23.0616



24.3870, -3.6418, 1.4146



153.0000, 0.0000, 0.0000



26.0000, 0.0000, 0.0000

Same Dimension

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



33.4940, -16.0195, 4.8288



43.4250, -21.4085, 6.6433



29.8840, -14.2398, -6.0373



19.7720, -0.8736, 0.2000



72.0760, -35.5335, 10.4573



181.3750, -89.4179, 26.8581

Inverse Universe

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



6.5060, 16.0195, -4.8288



7.5750, 21.4085, -6.6433



10.1160, 14.2398, 6.0373



18.2280, 0.8736, -0.2000



11.9240, 35.5335, -10.4573



30.6250, 89.4179, -26.8581

Previews

White Background



This preview shows how the YUV color 33.4940, -16.0195, 4.8288 looks on a white background.

Color Contrast Check

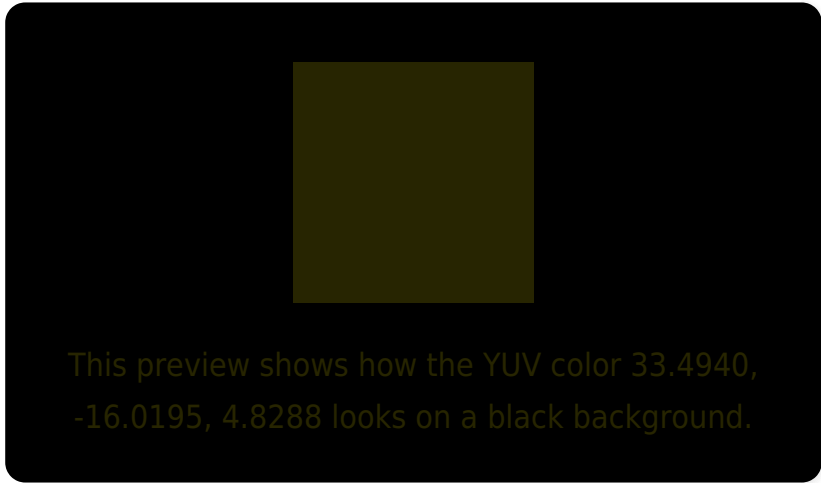
Large Text (above 18pt) WCAG AA ✓ Pass

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

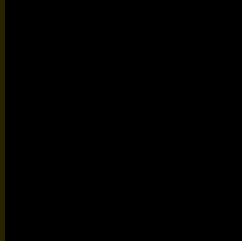
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 33.4940, -16.0195, 4.8288

Background



This preview shows how black text looks on a background with the YUV color 33.4940, -16.0195, 4.8288.

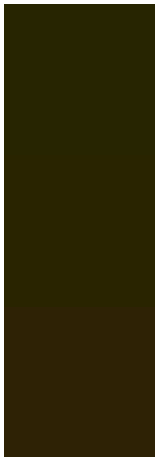


This preview shows how white text looks on a background with the YUV color 33.4940, -16.0195,

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

33.4940, -16.0195, 4.8288

Protanopia

33.3910, -16.4618, 6.6731

Deuteranopia

34.2820, -14.4360, 10.2767



Tritanopia

36.4350, 0.2785, 4.0035

Trichromacy



Original Color

33.4940, -16.0195, 4.8288

Protanomaly

33.0920, -16.3144, 6.0583

Deuteranomaly

33.8580, -14.7200, 8.0175

Tritanomaly

35.2410, -5.5418, 4.1736

Monochromacy



Original Color

33.4940, -16.0195, 4.8288

Achromatopsia

33.0000, 0.0000, 0.0000

Achromatomaly

32.8170, -5.8258, 1.9145

CSS Examples

Text

The CSS property to change the color of the text to YUV 33.4940, -16.0195, 4.8288 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(39, 37, 1)` looks like.

```
.text, #text, p{  
    color:rgb(39, 37, 1)  
}
```

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(39, 37, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(39, 37, 1) }
```

Border

The CSS property to change the border of an element to YUV 33.4940, -16.0195, 4.8288 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(39, 37, 1) }
```


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

```
.border{ border-color:rgb(39, 37, 1) }
```

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

Here you see how a box with a 4 pixel `rgb(39, 37, 1)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(39, 37, 1); -webkit-box-shadow:4px  
4px 4px 4px rgb(39, 37, 1); box-shadow:4px  
4px 4px 4px rgb(39, 37, 1) }
```

Background

The CSS property to change the background color of an element to YUV 33.4940, -16.0195, 4.8288 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(39, 37, 1) }
```

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

```
.background{ background-color: rgb(39, 37,  
1) }
```

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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