

Converting Colors

YUV(72.0840, -17.7894,
-34.2767)

Have a look what the booklet for
YUV(72.0840, -17.7894, -34.2767)
contains.

YUV(72.0840, -17.7894, -34.2767)	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(72.0840, -17.7894,
-34.2767)**

Conversions

Conversions Part 1

Format	Color
Hex	216324
RGB	33, 99, 36
RGB Percent	13%, 39%, 14%
CMY	0.8706, 0.6118, 0.8588
CMYK	0.67, 0.00, 0.64, 0.61
HSL	123°, 50%, 26%
HSV	123°, 67%, 39%
XYZ	5.4075, 9.3744, 3.1935
YIQ	72.0840, -19.1130, -33.5850

Conversions

Conversions Part 2

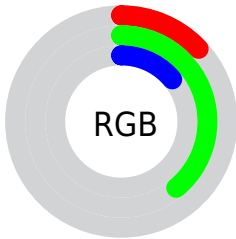
Format	Color
R_{YB}	33, 96, 99
Decimal	2188068
CIE Lab	36.70, -34.83, 29.18
CIE LCh	37, 45.436, 140.049
Yxy	9.3744, 0.3008, 0.5215
Android (android.graphics.Color)	4280378148 (0xFF216324)
YUV	72.0840, -17.7894, -34.2767
Hunter-Lab	30.6176, -22.0554, 15.2482

Details

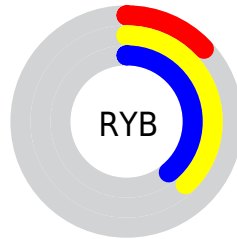
The YUV color **72.0840, -17.7894, -34.2767** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **59.9160, 17.7894, 34.2767**, and the grayscale version is **72.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **123.8130, -20.1208, -33.1620**, and **29.9370, -14.7589, -26.2547** is the 20% darker color. If you saturate the color by 10%, you get **68.0680, -20.2465, -39.5246**, and if you desaturate by 10%, it is **76.1000, -15.3323, -29.0287**.

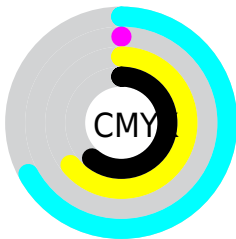
Distribution



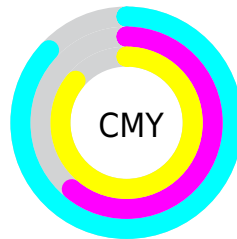
- Red (13%)
- Green (39%)
- Blue (14%)



- Red (13%)
- Yellow (38%)
- Blue (39%)



- Cyan (67%)
- Magenta (0%)
- Yellow (64%)
- Black (61%)



- Cyan (87%)
- Magenta (61%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the YUV color 72.0840, -17.7894, -34.2767 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 72.0840, -17.7894, -34.2767 by changing the saturation by 10% instead.

■ 72.0840, -17.7894,
-34.2767

■ 72.0840, -17.7894,
-34.2767

255.0000, 0.0000,
0.0000

■ 45.5070, -16.0260,
-39.9096

■ 123.8130,
-20.1208, -33.1620

■ 29.9370, -14.7589,
-26.2547

■ 150.5850,
-20.9944, -32.9620

■ 18.1970, -8.9711,
-15.9588

■ 177.1720,
-21.2838, -33.4768

■ 0.0000, 0.0000,
0.0000

■ 205.5310,
-22.4468, -33.7917

■ 229.3080,
-20.8578, -30.0881

■ 240.8720,

-12.7549, -15.6737

252.8490, -4.3626,
-0.7446

72.0840, -17.7894,
-34.2767

72.0840, -17.7894,
-34.2767

68.0680, -20.2465,
-39.5246

76.1000, -15.3323,
-29.0287

63.9380, -23.1404,
-44.6726

80.2300, -12.4384,
-23.8807

59.9220, -25.5975,
-49.9206

84.2460, -9.9813,
-18.6327

58.5690, -26.9025,
-51.3650

88.3760, -7.0874,
-13.4848

92.3920, -4.6303,
-8.2368

■ 96.2230, -1.5889,
-3.7036

■ 100.2390, 0.8682,
1.5444

■ 104.3690, 3.7621,
6.6924

■ 108.3850, 6.2192,
11.9404

Harmonies

Analogous

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



78.5650, -37.2535, 2.1355



72.0840, -17.7894, -34.2767



68.7830, 2.0790, -60.3227

Triad

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



72.0840, -17.7894, -34.2767



73.1900, 41.8113, -64.1876



82.3820, -9.0623, 60.1780

Complementary

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



72.0840, -17.7894, -34.2767



59.9160, 17.7894, 34.2767

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.



84.9910, 7.3994, 53.5049



72.0840, -17.7894, -34.2767



84.0430, 34.9818, -20.2087

Square

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



72.0840, -17.7894, -34.2767



75.4750, 32.7968, -66.1916



88.7130, 22.3265, 25.6847



83.1360, -26.1960, 48.9927

Rectangle

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



72.0840, -17.7894, -34.2767



71.6330, 12.9989, -62.8221



88.7130, 22.3265, 25.6847



82.8750, -3.3894, 60.6226

Sweetspot

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



72.0840, -17.7894, -34.2767



117.3760, -7.0874, -13.4848



90.8780, -28.5339, 5.3690



57.5060, -4.1935, -8.3368



191.0000, 0.0000, 0.0000



64.0000, 0.0000, 0.0000

Same Dimension

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



72.0840, -17.7894, -34.2767



86.0310, -27.6233, -53.5242



75.7320, -3.8119, -37.4760



46.3480, -1.1576, -2.0592



66.3140, -30.2278, -58.1574



142.1340, -64.6491, -124.6515

Inverse Universe

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



59.9160, 17.7894, 34.2767



66.9690, 27.6233, 53.5242



56.2680, 3.8119, 37.4760



45.6520, 1.1576, 2.0592



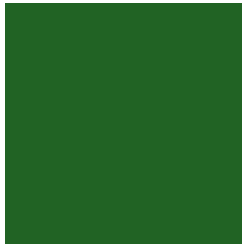
45.6860, 30.2278, 58.1574



97.8660, 64.6491, 124.6515

Previews

White Background



This preview shows how the YUV color 72.0840, -17.7894, -34.2767 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 72.0840, -17.7894, -34.2767

Background



This preview shows how black text looks on a background with the YUV color 72.0840, -17.7894, -34.2767.



This preview shows how white text looks on a background with the YUV color 72.0840, -17.7894,

-34.2767.

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

72.0840, -17.7894, -34.2767

Protanopia

82.8340, -25.0612, 11.5466

Deuteranopia

84.5020, -21.4465, 18.8537



Tritanopia

80.9410, 9.3961, -27.1353

Trichromacy



Original Color

72.0840, -17.7894, -34.2767

Protanomaly

79.0060, -22.6810, -5.2673

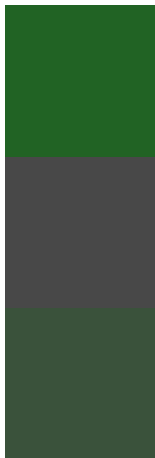
Deuteranomaly

79.7230, -20.0764, -0.6341

Tritanomaly

77.6990, -0.3446, -29.5540

Monochromacy



Original Color

72.0840, -17.7894, -34.2767

Achromatopsia

72.0000, 0.0000, 0.0000

Achromatomaly

72.2020, -6.5086, -12.4552

CSS Examples

Text

The CSS property to change the color of the text to YUV 72.0840, -17.7894, -34.2767 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(33, 99, 36)` looks like.

```
.text, #text, p{  
    color:rgb(33, 99, 36)  
}
```

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(33, 99, 36) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 99, 36) }
```

Border

The CSS property to change the border of an element to YUV 72.0840, -17.7894, -34.2767 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(33, 99, 36) }
```


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

```
.border{ border-color:rgb(33, 99, 36) }
```

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

Here you see how a box with a 4 pixel `rgb(33, 99, 36)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(33, 99, 36); -webkit-box-  
shadow:4px 4px 4px 4px rgb(33, 99, 36);  
box-shadow:4px 4px 4px 4px rgb(33, 99, 36)  
}
```

Background

The CSS property to change the background color of an element to YUV 72.0840, -17.7894, -34.2767 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(33, 99, 36) }
```

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

```
.background{ background-color: rgb(33, 99,  
36) }
```

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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