

Converting Colors

YUV(36.3350, -14.9552, -9.9408)

Have a look what the booklet for
YUV(36.3350, -14.9552, -9.9408)
contains.

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Color

**YUV(36.3350, -14.9552,
-9.9408)**

Conversions

Conversions Part 1

Format	Color
Hex	193006
RGB	25, 48, 6
RGB Percent	10%, 19%, 2%
CMY	0.9020, 0.8118, 0.9765
CMYK	0.48, 0.00, 0.87, 0.81
HSL	93°, 78%, 11%
HSV	93°, 88%, 19%
XYZ	1.4907, 2.3337, 0.5442
YIQ	36.3350, -0.2260, -17.9380

Conversions

Conversions Part 2

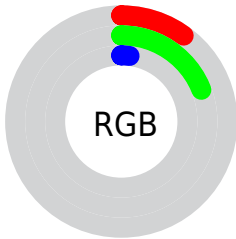
Format	Color
RYB	6, 48, 29
Decimal	1650694
CIELab	17.15, -17.73, 21.78
CIELCh	17, 28.086, 129.138
Yxy	2.3337, 0.3412, 0.5342
Android (android.graphics.Color)	4279840774 (0xFF193006)
YUV	36.3350, -14.9552, -9.9408
Hunter-Lab	15.2765, -9.3154, 8.5815

Details

The YUV color **36.3350, -14.9552, -9.9408** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **17.6650, 14.9552, 9.9408**, and the grayscale version is **36.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **81.9220, -15.2445, -10.4556**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **34.8680, -16.6969, -11.2852**, and if you desaturate by 10%, it is **37.8020, -13.2134, -8.5964**.

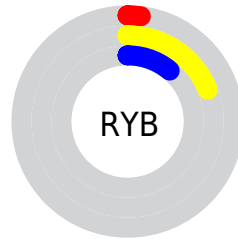
Distribution



Red (10%)

Green (19%)

Blue (2%)



Red (2%)

Yellow (19%)

Blue (11%)

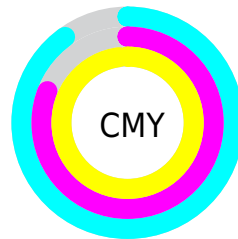


Cyan (48%)

Magenta (0%)

Yellow (87%)

Black (81%)



Cyan (90%)

Magenta (81%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the YUV color 36.3350, -14.9552, -9.9408 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 36.3350, -14.9552, -9.9408 by changing the saturation by 10% instead.

■ 36.3350, -14.9552,
-9.9408

■ 36.3350, -14.9552,
-9.9408

■ 252.3780,
-10.0464, 2.2995

■ 16.4360, -8.1029,
-14.4144

■ 81.9220, -15.2445,
-10.4556

■ 0.0000, 0.0000,
0.0000

■ 106.6940,
-16.1181, -10.2556


■ 132.1670,
-16.8443, -10.6705


■ 158.1670,
-16.8443, -10.6705


■ 185.6400,
-17.5705, -11.0853


■ 213.1130,


-18.2967, -11.5001


 241.1130,
-18.2967, -11.5001


 36.3350, -14.9552,
-9.9408


 36.3350, -14.9552,
-9.9408


 34.8680, -16.6969,
-11.2852


 37.8020, -13.2134,
-8.5964

 34.7540, -17.1337,
-11.1853

 38.9700, -11.3242,
-7.8667

 40.3230, -10.0192,
-6.4223

 41.7900, -8.2775,
-5.0778

 42.9580, -6.3883,
-4.3482

■ 44.4250, -4.6465,
-3.0037

■ 45.5930, -2.7573,
-2.2741

■ 46.9460, -1.4524,
-0.8296

■ 48.4130, 0.2894,
0.5148

Harmonies

Analogous

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



39.2940, -19.3719, 6.7582



36.3350, -14.9552, -9.9408



33.0150, -2.9654, -28.9542

Triad

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



36.3350, -14.9552, -9.9408



37.2960, 21.0531, -32.7086



40.4540, -1.7028, 32.9278

Complementary

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



36.3350, -14.9552, -9.9408



17.6650, 14.9552, 9.9408

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.



42.4020, 7.1968, 25.0804



36.3350, -14.9552, -9.9408



36.0840, 22.6366, -27.2607

Square

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



36.3350, -14.9552, -9.9408



37.5750, 14.5065, -32.9533



43.6430, 14.9660, 6.4521



40.3260, -11.0067, 30.4091

Rectangle

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



36.3350, -14.9552, -9.9408



34.6110, 3.1498, -30.3538



43.6430, 14.9660, 6.4521



40.9530, 1.5022, 31.6132

Sweetspot

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



36.3350, -14.9552, -9.9408



56.4850, -5.6621, -3.9333



31.4720, -12.5577, 14.4951



28.0660, -3.4835, -2.6889



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.



36.3350, -14.9552, -9.9408



44.1790, -21.7802, -14.1890



30.7680, -11.7176, -21.7215



22.4730, -0.7262, -0.4148



62.7300, -30.9259, -20.8112



154.6210, -76.2282, -50.5336

Inverse Universe

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



17.6650, 14.9552, 9.9408



17.1200, 21.6328, 14.8038



23.2320, 11.7176, 21.7215



21.5270, 0.7262, 0.4148



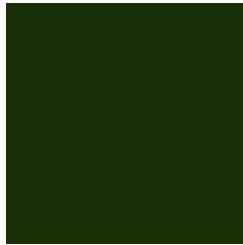
23.9710, 31.0733, 20.1964



59.3790, 76.2282, 50.5336

Previews

White Background



This preview shows how the YUV color 36.3350, -14.9552, -9.9408 looks on a white background.

Color Contrast Check

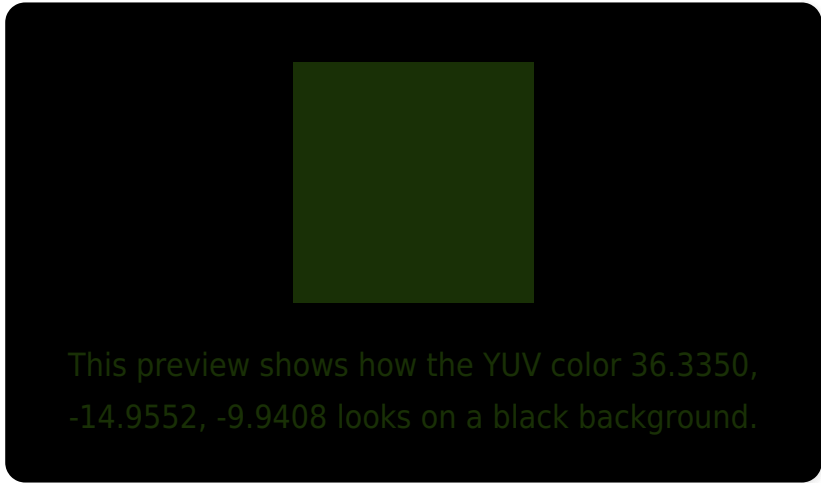
Large Text (above 18pt) WCAG AA ✓ Pass

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

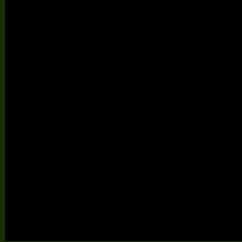
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 36.3350, -14.9552, -9.9408

Background



This preview shows how black text looks on a background with the YUV color 36.3350, -14.9552, -9.9408.



This preview shows how white text looks on a background with the YUV color 36.3350, -14.9552, -9.9408.

-9.9408.

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

36.3350, -14.9552, -9.9408

Protanopia

39.4620, -17.4828, 7.4878

Deuteranopia

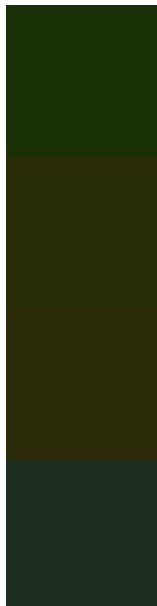
40.5810, -14.5834, 10.8915



Tritanopia

41.1560, 3.3741, -8.9068

Trichromacy



Original Color

36.3350, -14.9552, -9.9408

Protanomaly

38.3580, -16.4455, 1.4400

Deuteranomaly

39.1240, -14.8511, 3.3993

Tritanomaly

39.4350, -3.1725, -9.1515

Monochromacy



Original Color

36.3350, -14.9552, -9.9408

Achromatopsia

36.0000, 0.0000, 0.0000

Achromatomaly

35.8980, -5.3727, -3.4185

CSS Examples

Text

The CSS property to change the color of the text to YUV 36.3350, -14.9552, -9.9408 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(25, 48, 6)` looks like.

```
.text, #text, p{  
    color:rgb(25, 48, 6)  
}
```

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(25, 48, 6) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(25, 48, 6) }
```

Border

The CSS property to change the border of an element to YUV 36.3350, -14.9552, -9.9408 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(25, 48, 6) }
```


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

```
.border{ border-color:rgb(25, 48, 6) }
```

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

Here you see how a box with a 4 pixel `rgb(25, 48, 6)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(25, 48, 6); -webkit-box-shadow:4px  
4px 4px 4px rgb(25, 48, 6); box-shadow:4px  
4px 4px 4px rgb(25, 48, 6) }
```

Background

The CSS property to change the background color of an element to YUV 36.3350, -14.9552, -9.9408 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(25, 48, 6) }
```

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

```
.background{ background-color: rgb(25, 48,  
6) }
```

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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