

Converting Colors

YUV(36.9440, -15.2554, -6.9669)

Have a look what the booklet for
YUV(36.9440, -15.2554, -6.9669)
contains.

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Color

**YUV(36.9440, -15.2554,
-6.9669)**

Conversions

Conversions Part 1

Format	Color
Hex	1D2F06
RGB	29, 47, 6
RGB Percent	11%, 18%, 2%
CMY	0.8863, 0.8157, 0.9765
CMYK	0.38, 0.00, 0.87, 0.82
HSL	86°, 77%, 10%
HSV	86°, 87%, 18%
XYZ	1.5561, 2.3074, 0.5357
YIQ	36.9440, 2.4330, -16.5670

Conversions

Conversions Part 2

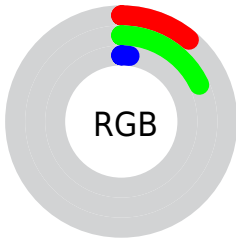
Format	Color
RYB	6, 47, 24
Decimal	1912582
CIELab	17.02, -15.39, 21.69
CIELCh	17, 26.593, 125.348
Yxy	2.3074, 0.3537, 0.5245
Android (android.graphics.Color)	4280102662 (0xFF1D2F06)
YUV	36.9440, -15.2554, -6.9669
Hunter-Lab	15.1901, -8.2970, 8.5423

Details

The YUV color **36.9440, -15.2554, -6.9669** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **16.0560, 15.2554, 6.9669**, and the grayscale version is **37.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **82.5310, -15.5448, -7.4817**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **35.7760, -17.1446, -7.6966**, and if you desaturate by 10%, it is **38.1120, -13.3662, -6.2372**.

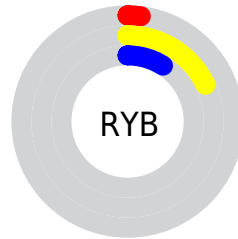
Distribution



Red (11%)

Green (18%)

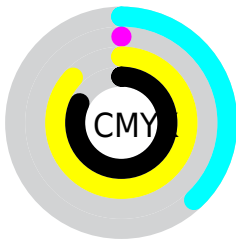
Blue (2%)



Red (2%)

Yellow (18%)

Blue (9%)

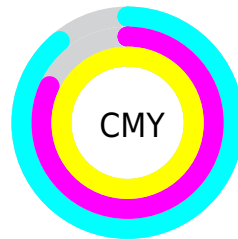


Cyan (38%)

Magenta (0%)

Yellow (87%)

Black (82%)



Cyan (89%)


Magenta (82%)


Yellow (98%)


Brightness & Saturation Gradients


These gradients show how the YUV color 36.9440, -15.2554, -6.9669 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 36.9440, -15.2554, -6.9669 by changing the saturation by 10% instead.

 36.9440, -15.2554,
-6.9669


 36.9440, -15.2554,
-6.9669


 252.3780,
-10.0464, 2.2995

 15.8490, -7.8136,
-13.8996


 82.5310, -15.5448,
-7.4817

 0.0000, 0.0000,
0.0000

 107.3030,
-16.4184, -7.2817

 132.1890,
-16.8552, -7.1818


 158.7760,
-17.1446, -7.6966


 185.6620,
-17.5814, -7.5966


 213.1350,


-18.3076, -8.0114


 242.0210,
-18.7444, -7.9114


 36.9440, -15.2554,
-6.9669


 36.9440, -15.2554,
-6.9669


 35.7760, -17.1446,
-7.6966


 38.1120, -13.3662,
-6.2372

 35.3630, -17.4340,
-8.2114

 39.1660, -11.9138,
-5.4076

 40.3340, -10.0247,
-4.6779

 41.5020, -8.1355,
-3.9483

 42.6700, -6.2463,
-3.2186

■ 43.7240, -4.7939,
-2.3889

■ 44.8920, -2.9048,
-1.6593

■ 46.3590, -1.1630,
-0.3148

■ 47.4130, 0.2894,
0.5148

Harmonies

Analogous

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



39.3050, -19.3774, 8.5025



36.9440, -15.2554, -6.9669



32.2000, -3.5496, -28.2394

Triad

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



36.9440, -15.2554, -6.9669



36.8400, 19.3059, -32.3087



40.6710, -0.8238, 30.9835

Complementary

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



36.9440, -15.2554, -6.9669



16.0560, 15.2554, 6.9669

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.



42.4940, 7.6445, 21.4918



36.9440, -15.2554, -6.9669



34.3610, 22.5000, -30.1346

Square

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



36.9440, -15.2554, -6.9669



36.5320, 13.0487, -32.0386



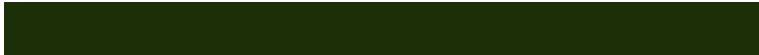
42.9200, 14.8294, 3.5782



40.3690, -9.5489, 29.4944

Rectangle

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



36.9440, -15.2554, -6.9669



34.2690, 1.8394, -30.0539



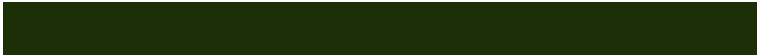
42.9200, 14.8294, 3.5782



41.4580, 2.2392, 28.5393

Sweetspot

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



36.9440, -15.2554, -6.9669



57.0830, -5.9569, -2.7038



28.8250, -11.2527, 15.9395



28.3650, -3.6309, -2.0741



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.



36.9440, -15.2554, -6.9669



45.9730, -22.6647, -10.5003



30.9640, -12.3073, -19.2624



22.4730, -0.7262, -0.4148



65.7200, -32.4000, -14.6634



161.4980, -79.6185, -36.3937

Inverse Universe

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



16.0560, 15.2554, 6.9669



15.0270, 22.6647, 10.5003



22.0360, 12.3073, 19.2624



21.5270, 0.7262, 0.4148



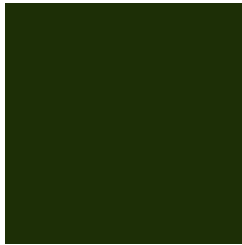
21.2800, 32.4000, 14.6634



52.5020, 79.6185, 36.3937

Previews

White Background



This preview shows how the YUV color 36.9440, -15.2554, -6.9669 looks on a white background.

Color Contrast Check

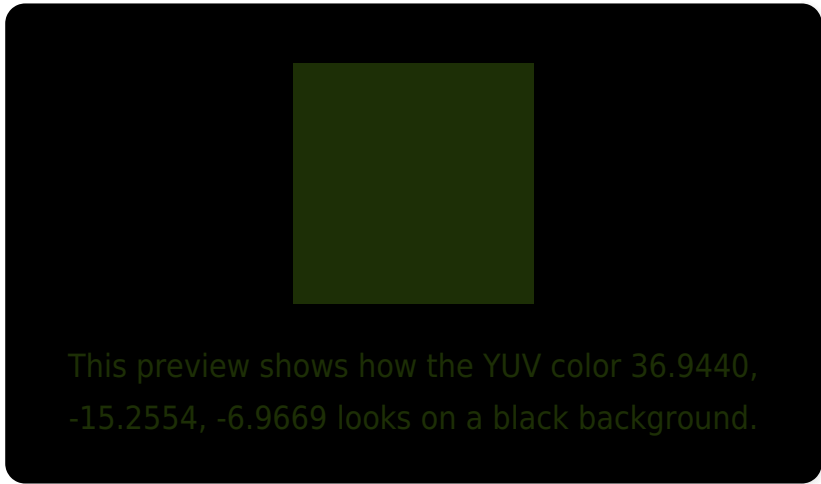
Large Text (above 18pt) WCAG AA ✓ Pass

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

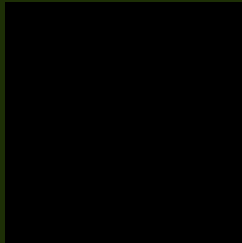
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 36.9440, -15.2554, -6.9669

Background



This preview shows how black text looks on a background with the YUV color 36.9440, -15.2554, -6.9669.



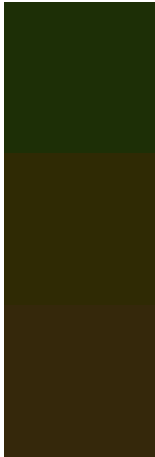
This preview shows how white text looks on a background with the YUV color 36.9440, -15.2554,

-6.9669.

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

36.9440, -15.2554, -6.9669

Protanopia

39.1630, -17.3354, 6.8730

Deuteranopia

40.5810, -14.5834, 10.8915



Tritanopia

41.3520, 2.7845, -6.4477

Trichromacy



Original Color

36.9440, -15.2554, -6.9669

Protanomaly

38.3580, -16.4455, 1.4400

Deuteranomaly

39.4230, -14.9985, 4.0140

Tritanomaly

39.6310, -3.7621, -6.6924

Monochromacy



Original Color

36.9440, -15.2554, -6.9669

Achromatopsia

37.0000, 0.0000, 0.0000

Achromatomaly

37.1970, -5.5201, -2.8038

CSS Examples

Text

The CSS property to change the color of the text to YUV 36.9440, -15.2554, -6.9669 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(29, 47, 6)` looks like.

```
.text, #text, p{  
    color:rgb(29, 47, 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(29, 47, 6) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(29, 47, 6) }
```

Border

The CSS property to change the border of an element to YUV 36.9440, -15.2554, -6.9669 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(29, 47, 6) }
```


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

```
.border{ border-color:rgb(29, 47, 6) }
```

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

Here you see how a box with a 4 pixel `rgb(29, 47, 6)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(29, 47, 6); -webkit-box-shadow:4px  
4px 4px 4px rgb(29, 47, 6); box-shadow:4px  
4px 4px 4px rgb(29, 47, 6) }
```

Background

The CSS property to change the background color of an element to YUV 36.9440, -15.2554, -6.9669 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(29, 47, 6) }
```

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

```
.background{ background-color: rgb(29, 47,  
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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