

Converting Colors

YUV(74.0150, -36.4894, -9.6602)

Have a look what the booklet for
YUV(74.0150, -36.4894, -9.6602)
contains.

YUV(74.0150, -36.4894, -9.6602)	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>	30

Color

**YUV(74.0150, -36.4894,
-9.6602)**

Conversions

Conversions Part 1

Format	Color
Hex	3F5E00
RGB	63, 94, 0
RGB Percent	25%, 37%, 0%
CMY	0.7529, 0.6314, 1.0000
CMYK	0.33, 0.00, 1.00, 0.63
HSL	80°, 100%, 18%
HSV	80°, 100%, 37%
XYZ	6.0526, 9.0622, 1.4302
YIQ	74.0150, 11.6980, -35.8060

Conversions

Conversions Part 2

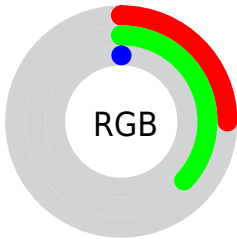
Format	Color
RYB	0, 94, 31
Decimal	4152832
CIELab	36.10, -24.92, 42.65
CIELCh	36, 49.392, 120.299
Yxy	9.0622, 0.3658, 0.5477
Android (android.graphics.Color)	4282342912 (0xFF3F5E00)
YUV	74.0150, -36.4894, -9.6602
Hunter-Lab	30.1034, -16.7918, 18.2556

Details

The YUV color **74.0150, -36.4894, -9.6602** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **19.9850, 36.4894, 9.6602**, and the grayscale version is **74.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **125.5850, -34.3054, -10.1600**, and **31.4650, -15.5122, -17.9478** is the 20% darker color. If you saturate the color by 10%, you get **74.0150, -36.4894, -9.6602**, and if you desaturate by 10%, it is **75.9380, -33.0004, -8.7156**.

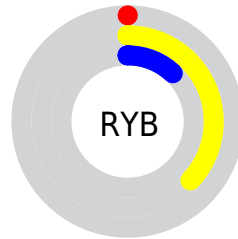
Distribution



Red (25%)

Green (37%)

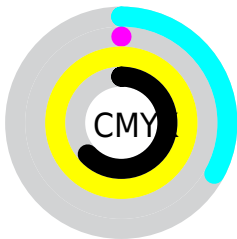
Blue (0%)



Red (0%)

Yellow (37%)

Blue (12%)

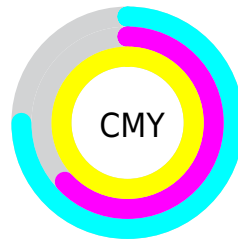


Cyan (33%)

Magenta (0%)

Yellow (100%)

Black (63%)



Cyan (75%)


Magenta (63%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the YUV color 74.0150, -36.4894, -9.6602 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 74.0150, -36.4894, -9.6602 by changing the saturation by 10% instead.


 74.0150, -36.4894,
-9.6602


 74.0150, -36.4894,
-9.6602


 253.7460, -4.8048,
1.0998


 52.7510, -26.0062,
-12.0596

 125.5850,
-34.3054, -10.1600


 31.4650, -15.5122,
-17.9478


 151.7700,
-34.8896, -9.4453

 17.0230, -8.3923,
-14.9292

 179.1290,
-36.0526, -9.7601

 0.0000, 0.0000,
0.0000


 207.0150,
-36.4894, -9.6602


 235.0860,
-37.5104, -8.8454


 246.9490,


-29.5549, 6.1837


 250.4400,
-17.4719, 3.9991


 74.0150, -36.4894,
-9.6602

 75.9380, -33.0004,
-8.7156

 77.9750, -29.0747,
-7.8711

 79.8980, -25.5857,
-6.9265

 81.9350, -21.6600,
-6.0820

 83.8580, -18.1710,
-5.1375

■ 86.0800, -14.8294,
-3.5782

■ 88.1170, -10.9037,
-2.7336

■ 90.0400, -7.4147,
-1.7891

■ 92.0770, -3.4890,
-0.9445

Harmonies

Analogous

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



79.5180, -39.2024, 20.5937



74.0150, -36.4894, -9.6602



63.6020, -10.1568, -55.7790

Triad

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



74.0150, -36.4894, -9.6602



75.6690, 38.6172, -66.3617



79.6180, 3.1463, 64.3560

Complementary

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



74.0150, -36.4894, -9.6602



19.9850, 36.4894, 9.6602

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.



85.4160, 19.5149, 40.8542



74.0150, -36.4894, -9.6602



71.6400, 46.0265, -62.8283

Square

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



74.0150, -36.4894, -9.6602



74.0100, 24.6451, -64.9068



85.8110, 33.6172, -2.4652



79.5690, -16.0565, 63.5220

Rectangle

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



74.0150, -36.4894, -9.6602



67.8540, 1.0580, -59.5080



85.8110, 33.6172, -2.4652



81.7790, 8.9830, 58.9528

Sweetspot

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



74.0150, -36.4894, -9.6602



114.3080, -13.9558, -3.7781



45.7160, -22.5380, 42.3451



56.3990, -8.5777, -2.1039



189.0000, 0.0000, 0.0000



61.0000, 0.0000, 0.0000

Same Dimension

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



74.0150, -36.4894, -9.6602



96.1320, -47.3931, -12.3938



60.2610, -29.7087, -37.9399



44.8320, -1.8892, -0.7297



86.3970, -42.5937, -11.7492



186.6600, -92.0234, -24.2578

Inverse Universe

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



19.9850, 36.4894, 9.6602



25.8680, 47.3931, 12.3938



33.7390, 29.7087, 37.9399



42.1680, 1.8892, 0.7297



23.3040, 42.7411, 11.1344



50.3400, 92.0234, 24.2578

Previews

White Background



This preview shows how the YUV color 74.0150, -36.4894, -9.6602 looks on a white background.

Color Contrast Check

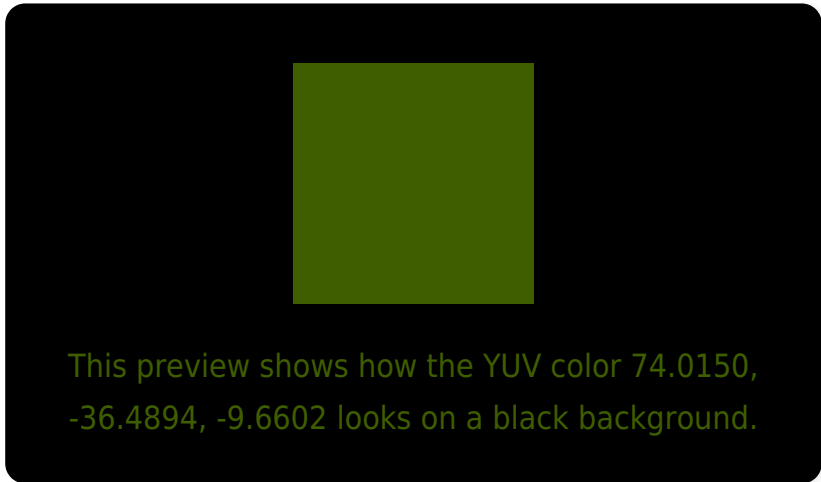
Large Text (above 18pt) WCAG AA ✓ Pass

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

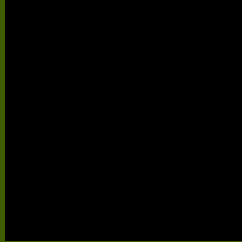
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 74.0150, -36.4894, -9.6602

Background



This preview shows how black text looks on a background with the YUV color 74.0150, -36.4894, -9.6602.

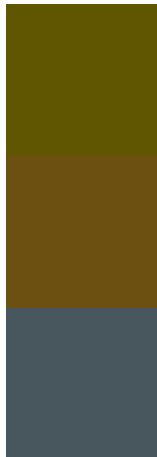


This preview shows how white text looks on a background with the YUV color 74.0150, -36.4894,

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



Protanopia

78.5990, -38.7493, 15.2607

Deuteranopia

81.0050, -31.0615, 22.7976

Tritanopia

83.3130, 5.2687, -9.9215

Trichromacy



Protanomaly

76.7720, -37.8486, 6.3390

Deuteranomaly

78.3580, -33.2075, 11.0870

Tritanomaly

80.3010, -10.0084, -9.9110

Monochromacy



Achromatopsia

74.0000, 0.0000, 0.0000

Achromatomaly

73.8350, -13.2297, -3.3633

CSS Examples

Text

The CSS property to change the color of the text to YUV 74.0150, -36.4894, -9.6602 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(63, 94, 0)` looks like.

```
.text, #text, p{  
    color:rgb(63, 94, 0)  
}
```

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(63, 94, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 94, 0) }
```

Border

The CSS property to change the border of an element to YUV 74.0150, -36.4894, -9.6602 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(63, 94, 0) }
```

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

```
.border{ border-color:rgb(63, 94, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(63, 94, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 94, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(63, 94, 0); box-shadow:4px  
4px 4px 4px rgb(63, 94, 0) }
```


Background

The CSS property to change the background color of an element to YUV 74.0150, -36.4894, -9.6602 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 94, 0) }
```

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

```
.background{ background-color: rgb(63, 94,  
0) }
```

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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