

Converting Colors

YUV(73.1150, -31.6087,
-35.1809)

Have a look what the booklet for
YUV(73.1150, -31.6087, -35.1809)
contains.

YUV(73.1150, -31.6087, -35.1809)	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(73.1150, -31.6087,
-35.1809)**

Conversions

Conversions Part 1

Format	Color
Hex	216A09
RGB	33, 106, 9
RGB Percent	13%, 42%, 4%
CMY	0.8706, 0.5843, 0.9647
CMYK	0.69, 0.00, 0.92, 0.58
HSL	105°, 84%, 23%
HSV	105°, 92%, 42%
XYZ	5.8305, 10.6511, 2.0070
YIQ	73.1150, -12.3710, -45.6430

Conversions

Conversions Part 2

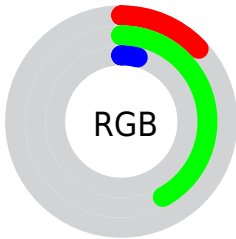
Format	Color
R_{YB}	9, 106, 82
Decimal	2189833
CIE _{Lab}	38.99, -39.82, 41.97
CIE _{LCh}	39, 57.854, 133.490
Yxy	10.6511, 0.3154, 0.5761
Android (android.graphics.Color)	4280379913 (0xFF216A09)
YUV	73.1150, -31.6087, -35.1809
Hunter-Lab	32.6361, -25.2235, 19.1991

Details

The YUV color **73.1150, -31.6087, -35.1809** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **41.8850, 31.6087, 35.1809**, and the grayscale version is **73.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **126.5390, -31.3247, -32.9217**, and **33.4590, -16.4953, -29.3435** is the 20% darker color. If you saturate the color by 10%, you get **69.9960, -34.5080, -38.5845**, and if you desaturate by 10%, it is **76.7610, -27.9832, -31.3624**.

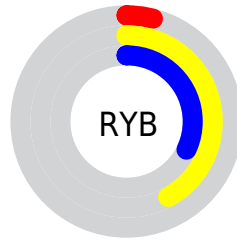
Distribution



Red (13%)

Green (42%)

Blue (4%)



Red (4%)

Yellow (42%)

Blue (32%)

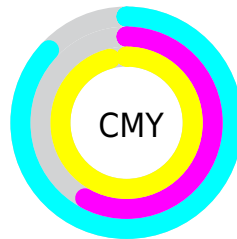


Cyan (69%)

Magenta (0%)

Yellow (92%)

Black (58%)



Cyan (87%)

Magenta (58%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the YUV color 73.1150, -31.6087, -35.1809 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 73.1150, -31.6087, -35.1809 by changing the saturation by 10% instead.

■ 73.1150, -31.6087,
-35.1809

■ 73.1150, -31.6087,
-35.1809

254.7720, -0.8736,
0.2000

■ 47.5470, -23.4407,
-41.6987

■ 126.5390,
-31.3247, -32.9217

■ 33.4590, -16.4953,
-29.3435

■ 153.4250,
-31.7615, -32.8217

■ 21.7190, -10.7075,
-19.0476

■ 181.0830,
-33.0719, -32.5218


■ 0.0000, 0.0000,
0.0000


■ 209.5560,
-33.7981, -32.9366


■ 228.6370,
-29.8940, -25.1146


■ 240.5000,


-21.9385, -10.0855


 251.4660,
-13.5407, 3.0993


 73.1150, -31.6087,
-35.1809


 73.1150, -31.6087,
-35.1809


 69.9960, -34.5080,
-38.5845

 76.7610, -27.9832,
-31.3624

 80.2930, -24.7944,
-27.4440

 83.9390, -21.1689,
-23.6255

 87.4710, -17.9802,
-19.7071

 91.1170, -14.3547,
-15.8886

■ 94.7630, -10.7292,
-12.0702

■ 98.2950, -7.5404,
-8.1517

■ 101.9410, -3.9149,
-4.3333

■ 105.4730, -0.7262,
-0.4148

Harmonies

Analogous

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



83.8600, -41.3430, 7.1388



73.1150, -31.6087, -35.1809



72.3390, -4.6041, -63.4413

Triad

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



73.1150, -31.6087, -35.1809



82.4970, 49.5480, -72.3499



80.8930, -3.8912, 81.6548

Complementary

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



73.1150, -31.6087, -35.1809



41.8850, 31.6087, 35.1809

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.



86.7720, 16.3814, 65.9750



73.1150, -31.6087, -35.1809



74.3930, 54.0363, -65.2427

Square

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



73.1150, -31.6087, -35.1809



82.9410, 36.0181, -72.7393



93.8510, 33.1045, 22.0557



85.0890, -28.1449, 67.4509

Rectangle

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



73.1150, -31.6087, -35.1809



76.6880, 9.5208, -67.2554



93.8510, 33.1045, 22.0557



81.1300, 3.3869, 80.5700

Sweetspot

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



73.1150, -31.6087, -35.1809



125.4100, -12.0341, -13.5146



80.8540, -35.4240, 22.0530



61.4090, -7.1036, -8.2517



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

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



73.1150, -31.6087, -35.1809



91.1720, -44.9478, -50.1398



68.6750, -17.5878, -52.3350



52.1200, -2.0312, -1.8592



77.3500, -38.1335, -42.4029



162.0540, -79.8926, -88.6244

Inverse Universe

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



41.8850, 31.6087, 35.1809



46.8280, 44.9478, 50.1398



46.3250, 17.5878, 52.3350



49.8800, 2.0312, 1.8592



39.6500, 38.1335, 42.4030



82.9460, 79.8926, 88.6244

Previews

White Background



This preview shows how the YUV color 73.1150, -31.6087, -35.1809 looks on a white background.

Color Contrast Check

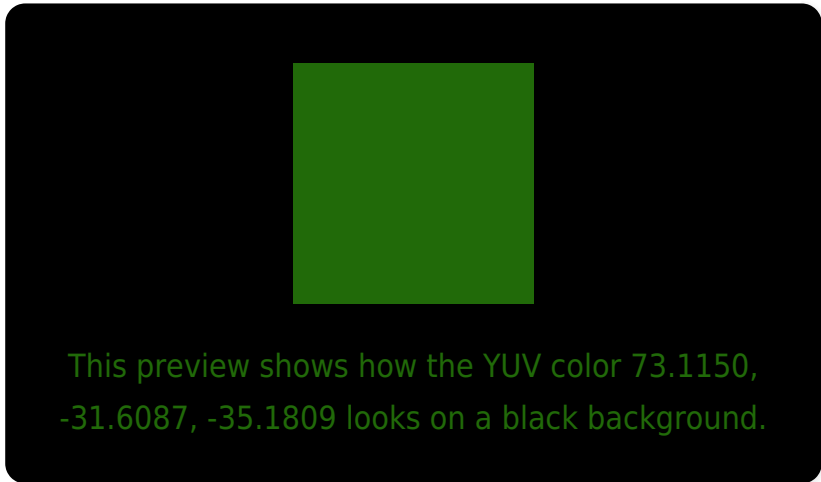
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 73.1150, -31.6087, -35.1809

Background



This preview shows how black text looks on a background with the YUV color 73.1150, -31.6087, -35.1809.



This preview shows how white text looks on a background with the YUV color 73.1150, -31.6087, -35.1809.

-35.1809.

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

73.1150, -31.6087, -35.1809

Protanopia

84.8010, -41.8069, 15.9605

Deuteranopia

88.1900, -31.6457, 23.5124



Tritanopia

86.4570, 10.1277, -28.4648

Trichromacy



Original Color

73.1150, -31.6087, -35.1809

Protanomaly

80.6030, -38.2583, -2.2828

Deuteranomaly

82.7590, -31.4332, 1.9654

Tritanomaly

81.7220, -5.2859, -31.3282

Monochromacy



Original Color

73.1150, -31.6087, -35.1809

Achromatopsia

73.0000, 0.0000, 0.0000

Achromatomaly

72.9370, -11.3079, -13.0997

CSS Examples

Text

The CSS property to change the color of the text to YUV 73.1150, -31.6087, -35.1809 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, 106, 9)` looks like.

```
.text, #text, p{  
    color:rgb(33, 106, 9)  
}
```

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, 106, 9) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 106, 9) }
```

Border

The CSS property to change the border of an element to YUV 73.1150, -31.6087, -35.1809 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, 106, 9) }
```


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

```
.border{ border-color:rgb(33, 106, 9) }
```

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

Here you see how a box with a 4 pixel `rgb(33, 106, 9)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(33, 106, 9); -webkit-box-  
shadow:4px 4px 4px 4px rgb(33, 106, 9);  
box-shadow:4px 4px 4px 4px rgb(33, 106, 9)  
}
```

Background

The CSS property to change the background color of an element to YUV 73.1150, -31.6087, -35.1809 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(33, 106, 9) }
```

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

```
.background{ background-color: rgb(33, 106,  
9) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor