

Converting Colors

YUV(36.0010, -11.8325,
-31.5729)

Have a look what the booklet for
YUV(36.0010, -11.8325, -31.5729)
contains.

YUV(36.0010, -11.8325, -31.5729)	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(36.0010, -11.8325,
-31.5729)**

Conversions

Conversions Part 1

Format	Color
Hex	003B0C
RGB	0, 59, 12
RGB Percent	0%, 23%, 5%
CMY	1.0000, 0.7686, 0.9529
CMYK	1.00, 0.00, 0.80, 0.77
HSL	132°, 100%, 12%
HSV	132°, 100%, 23%
XYZ	1.6303, 3.1545, 0.8708
YIQ	36.0010, -20.0770, -27.1250

Conversions

Conversions Part 2

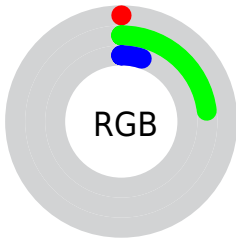
Format	Color
RYB	0, 49, 59
Decimal	15116
CIELab	20.65, -29.04, 23.15
CIELCh	21, 37.136, 141.432
Yxy	3.1545, 0.2883, 0.5578
Android (android.graphics.Color)	4278205196 (0xFF003B0C)
YUV	36.0010, -11.8325, -31.5729
Hunter-Lab	17.7608, -14.6964, 9.5257

Details

The YUV color **36.0010, -11.8325, -31.5729** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **22.9990, 11.8325, 31.5729**, and the grayscale version is **36.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **85.6380, -14.6115, -26.8695**, and **2.3480, -1.1576, -2.0592** is the 20% darker color. If you saturate the color by 10%, you get **36.0010, -11.8325, -31.5729**, and if you desaturate by 10%, it is **38.3650, -10.5329, -28.3841**.

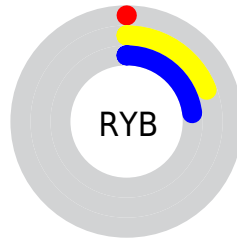
Distribution



Red (0%)

Green (23%)

Blue (5%)



Red (0%)

Yellow (19%)

Blue (23%)

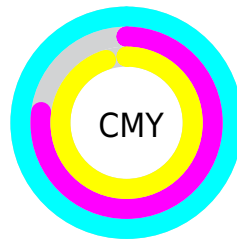


Cyan (100%)

Magenta (0%)

Yellow (80%)

Black (77%)



Cyan (100%)

Magenta (77%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the YUV color 36.0010, -11.8325, -31.5729 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 36.0010, -11.8325, -31.5729 by changing the saturation by 10% instead.

■ 36.0010, -11.8325,
-31.5729

■ 36.0010, -11.8325,
-31.5729

■ 249.5880, -5.2199,
-5.7777

■ 21.7190, -10.7075,
-19.0476

■ 85.6380, -14.6115,
-26.8695

■ 2.3480, -1.1576,
-2.0592

■ 111.1110,
-15.3377, -27.2843

■ 0.0000, 0.0000,
0.0000


■ 136.8830,
-16.2113, -27.0844


■ 163.4700,
-16.5007, -27.5992


■ 190.9430,
-17.2269, -28.0140


■ 219.1170,


-17.8057, -29.0436


 237.7250,
-13.1754, -20.8068


 36.0010, -11.8325,
-31.5729

 38.3650, -10.5329,
-28.3841

 40.6150, -9.6702,
-25.0954

 42.9790, -8.3706,
-21.9066

 45.3430, -7.0711,
-18.7178

 47.2940, -6.0609,
-16.0438

■ 49.6580, -4.7614,
-12.8551

■ 52.0220, -3.4618,
-9.6663

■ 54.3860, -2.1623,
-6.4775

■ 56.6360, -1.2995,
-3.1888

Harmonies

Analogous

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



44.8540, -22.1130, -0.7490



36.0010, -11.8325, -31.5729



40.4810, 0.2559, -35.5018

Triad

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



36.0010, -11.8325, -31.5729



44.1410, 29.5105, -38.7117



44.9780, -6.3982, 45.6233

Complementary

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



36.0010, -11.8325, -31.5729



22.9990, 11.8325, 31.5729

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.



45.9850, 6.4164, 42.1092



36.0010, -11.8325, -31.5729



47.1870, 26.5298, -15.9500

Square

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



36.0010, -11.8325, -31.5729



45.7080, 22.8220, -40.0859



50.4860, 16.5224, 20.6218



45.7260, -21.0639, 36.1973

Rectangle

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



36.0010, -11.8325, -31.5729



43.2340, 8.2656, -37.9162



50.4860, 16.5224, 20.6218



44.2430, -1.5988, 46.2679

Sweetspot

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



36.0010, -11.8325, -31.5729



67.9570, -4.9088, -12.2403



48.6860, -24.0022, -1.4786



32.5600, -2.7411, -7.5071



166.0000, 0.0000, 0.0000



38.0000, 0.0000, 0.0000

Same Dimension

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



36.0010, -11.8325, -31.5729



47.0230, -15.2943, -41.2392



39.3070, 0.8346, -34.4722



29.7610, -0.8682, -1.5444



57.3440, -18.9036, -50.2907



135.4440, -44.5889, -118.7844

Inverse Universe

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



22.9990, 11.8325, 31.5729



29.9770, 15.2943, 41.2392



19.6930, -0.8346, 34.4722



29.1250, 0.4314, 1.6444



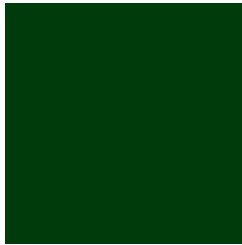
36.6560, 18.9036, 50.2907



86.5560, 44.5889, 118.7844

Previews

White Background



This preview shows how the YUV color 36.0010, -11.8325, -31.5729 looks on a white background.

Color Contrast Check

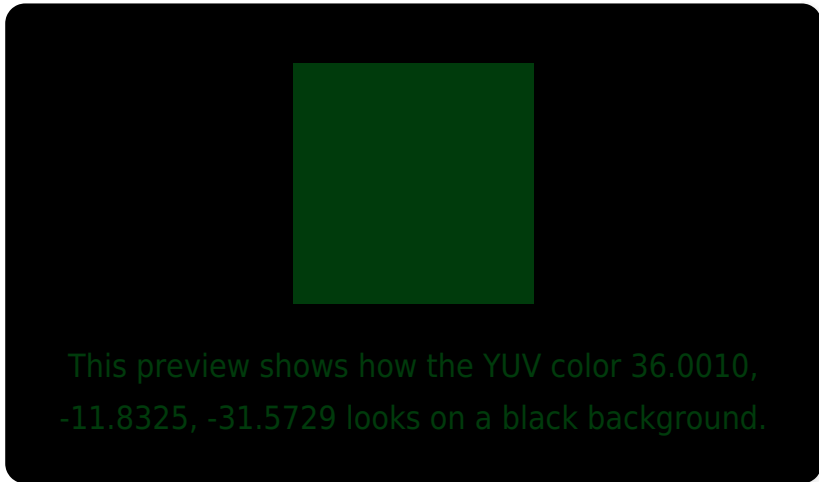
Large Text (above 18pt) WCAG AA ✓ Pass

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

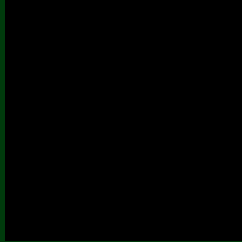
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 36.0010, -11.8325, -31.5729

Background



This preview shows how black text looks on a background with the YUV color 36.0010, -11.8325, -31.5729.



This preview shows how white text looks on a background with the YUV color 36.0010, -11.8325,

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

48.1200, -18.7932, 7.7878

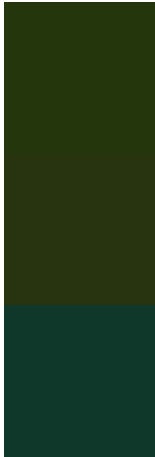
Deuteranopia

48.9510, -15.7518, 12.3210

Tritanopia

46.1870, 6.3168, -19.4580

Trichromacy



Protanomaly

43.7160, -16.1290, -6.7669

Deuteranomaly

44.1940, -14.3926, -3.6781

Tritanomaly

42.1450, -0.0715, -23.8062

Monochromacy



Achromatopsia

36.0000, 0.0000, 0.0000

Achromatomaly

35.7830, -4.3300, -11.2107

CSS Examples

Text

The CSS property to change the color of the text to YUV 36.0010, -11.8325, -31.5729 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(0, 59, 12)` looks like.

```
.text, #text, p{  
    color:rgb(0, 59, 12)  
}
```

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(0, 59, 12) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 59, 12) }
```

Border

The CSS property to change the border of an element to YUV 36.0010, -11.8325, -31.5729 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(0, 59, 12) }
```

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

```
.border{ border-color:rgb(0, 59, 12) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 59, 12)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 59, 12); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 59, 12); box-shadow:4px  
4px 4px 4px rgb(0, 59, 12) }
```


Background

The CSS property to change the background color of an element to YUV 36.0010, -11.8325, -31.5729 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 59, 12) }
```

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

```
.background{ background-color: rgb(0, 59,  
12) }
```

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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