

Converting Colors

YUV(89.1040, -31.6033,
-36.9252)

Have a look what the booklet for
YUV(89.1040, -31.6033, -36.9252)
contains.

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Color

**YUV(89.1040, -31.6033,
-36.9252)**

Conversions

Conversions Part 1

Format	Color
Hex	2F7B19
RGB	47, 123, 25
RGB Percent	18%, 48%, 10%
CMY	0.8157, 0.5176, 0.9020
CMYK	0.62, 0.00, 0.80, 0.52
HSL	107°, 66%, 29%
HSV	107°, 80%, 48%
XYZ	8.4307, 14.8404, 3.3399
YIQ	89.1040, -13.8380, -46.5900

Conversions

Conversions Part 2

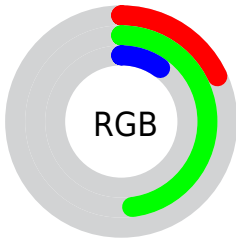
Format	Color
RYB	25, 123, 101
Decimal	3111705
CIELab	45.41, -41.73, 43.28
CIELCh	45, 60.124, 133.956
Yxy	14.8404, 0.3168, 0.5577
Android (android.graphics.Color)	4281301785 (0xFF2F7B19)
YUV	89.1040, -31.6033, -36.9252
Hunter-Lab	38.5233, -28.3515, 21.8260

Details

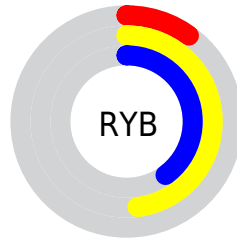
The YUV color **89.1040, -31.6033, -36.9252** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **58.8960, 31.6033, 36.9252**, and the grayscale version is **89.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **142.8870, -32.4823, -34.9809**, and **42.8510, -21.1255, -37.5803** is the 20% darker color. If you saturate the color by 10%, you get **84.7460, -35.3708, -41.8732**, and if you desaturate by 10%, it is **93.4620, -27.8358, -31.9772**.

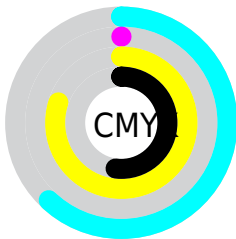
Distribution



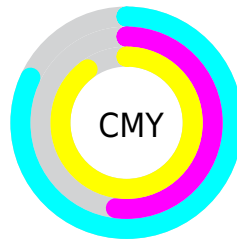
- Red (18%)
- Green (48%)
- Blue (10%)



- Red (10%)
- Yellow (48%)
- Blue (40%)



- Cyan (62%)
- Magenta (0%)
- Yellow (80%)
- Black (52%)



- Cyan (82%)
- Magenta (52%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the YUV color 89.1040, -31.6033, -36.9252 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 89.1040, -31.6033, -36.9252 by changing the saturation by 10% instead.

■ 89.1040, -31.6033,
-36.9252

■ 89.1040, -31.6033,
-36.9252

255.0000, 0.0000,
0.0000

■ 60.8150, -29.9818,
-43.6878

■ 142.8870,
-32.4823, -34.9809

■ 42.8510, -21.1255,
-37.5803

■ 170.2460,
-33.6453, -35.2957

■ 29.3500, -14.4695,
-25.7399

■ 198.6050,
-34.8083, -35.6106

■ 15.8490, -7.8136,
-13.8996

■ 222.9690,
-33.5087, -32.4218

■ 0.0000, 0.0000,
0.0000

■ 234.8320,
-25.5532, -17.3927

■ 246.6950,

-17.5976, -2.3635

■ 253.2900, -6.5520,
1.4997

■ 89.1040, -31.6033,
-36.9252

■ 89.1040, -31.6033,
-36.9252

■ 84.7460, -35.3708,
-41.8732

■ 93.4620, -27.8358,
-31.9772

■ 80.5730, -39.7225,
-46.1065

■ 97.6350, -23.4841,
-27.7439

■ 101.9930,
-19.7165, -22.7959

■ 106.0520,
-15.8016, -18.4626

■ 110.5240,
-11.5973, -13.6145

■ 114.5830, -7.6824,
-9.2813

■ 118.9410, -3.9149,
-4.3333

■ 123.0000, 0.0000,
0.0000

■ 127.4720, 4.2043,
4.8481

Harmonies

Analogous

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



98.0360, -48.3317, 8.7384



89.1040, -31.6033, -36.9252



84.0280, -2.9718, -73.6926

Triad

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



89.1040, -31.6033, -36.9252



94.2830, 54.0905, -82.6862



98.9320, -6.3755, 85.1286

Complementary

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



89.1040, -31.6033, -36.9252



58.8960, 31.6033, 36.9252

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.



104.3810, 16.0812, 68.9489



89.1040, -31.6033, -36.9252



91.9850, 56.2094, -62.2538

Square

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



89.1040, -31.6033, -36.9252



95.3140, 40.2712, -83.5904



110.0300, 34.9882, 24.5297



101.4270, -30.7765, 71.5395

Rectangle

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



89.1040, -31.6033, -36.9252



89.1920, 11.7373, -78.2214



110.0300, 34.9882, 24.5297



99.3970, 1.7763, 83.8438

Sweetspot

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



89.1040, -31.6033, -36.9252



147.5840, -12.6129, -14.5442



98.3270, -36.1502, 21.6382



73.5830, -7.6824, -9.2813



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

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



89.1040, -31.6033, -36.9252



107.4500, -50.0148, -58.2766



85.4900, -17.0036, -53.0497



58.8210, -1.8838, -2.4740



81.7470, -40.3013, -47.1361



164.9670, -81.3287, -94.6871

Inverse Universe

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



58.8960, 31.6033, 36.9252



59.5500, 50.0149, 58.2767



62.5100, 17.0036, 53.0497



57.1790, 1.8838, 2.4740



43.2530, 40.3013, 47.1361



87.3320, 81.1813, 95.3018

Previews

White Background



This preview shows how the YUV color 89.1040, -31.6033, -36.9252 looks on a white background.

Color Contrast Check

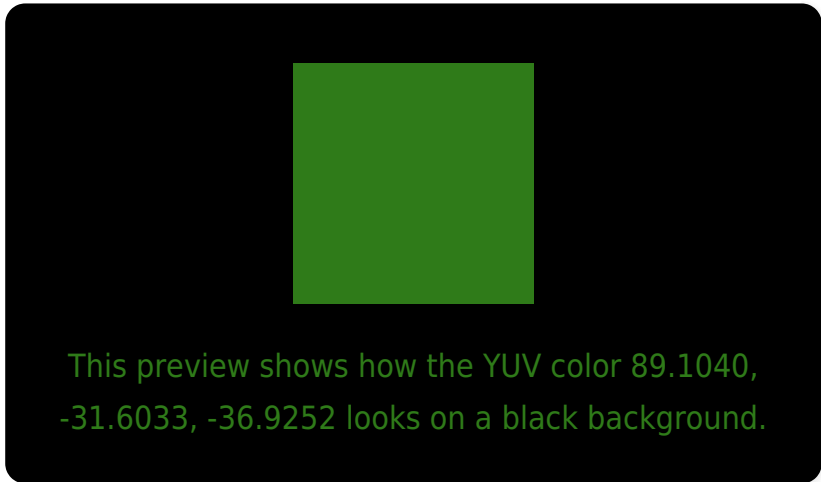
Large Text (above 18pt) WCAG AA ✓ Pass

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 89.1040, -31.6033, -36.9252

Background



This preview shows how black text looks on a background with the YUV color 89.1040, -31.6033, -36.9252.



This preview shows how white text looks on a background with the YUV color 89.1040, -31.6033, -36.9252.

-36.9252.

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

89.1040, -31.6033, -36.9252

Protanopia

101.0830, -39.4809, 16.5902

Deuteranopia

103.9300, -33.9825, 26.3714



Tritanopia

101.6740, 11.0067, -30.4091

Trichromacy



Original Color

89.1040, -31.6033, -36.9252

Protanomaly

96.6460, -36.8005, -3.1975

Deuteranomaly

98.6020, -33.3278, 2.9800

Tritanomaly

97.2380, -4.5543, -32.6577

Monochromacy



Original Color

89.1040, -31.6033, -36.9252

Achromatopsia

89.0000, 0.0000, 0.0000

Achromatomaly

88.9370, -11.3079, -13.0997

CSS Examples

Text

The CSS property to change the color of the text to YUV 89.1040, -31.6033, -36.9252 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(47, 123, 25)` looks like.

```
.text, #text, p{  
    color:rgb(47, 123, 25)  
}
```

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(47, 123, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 123, 25) }
```

Border

The CSS property to change the border of an element to YUV 89.1040, -31.6033, -36.9252 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(47, 123, 25) }
```


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

```
.border{ border-color:rgb(47, 123, 25) }
```

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

Here you see how a box with a 4 pixel rgb(47, 123, 25) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 123, 25); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 123, 25);  
box-shadow:4px 4px 4px 4px rgb(47, 123,  
25) }
```

Background

The CSS property to change the background color of an element to YUV 89.1040, -31.6033, -36.9252 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 123, 25) }
```

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

```
.background{ background-color: rgb(47, 123,  
25) }
```

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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