

Converting Colors

YUV(106.2590, -37.1027,
-93.1891)

Have a look what the booklet for
YUV(106.2590, -37.1027, -93.1891)
contains.

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Color

**YUV(106.2590, -37.1027,
-93.1891)**

Conversions

Conversions Part 1

Format	Color
Hex	00AF1F
RGB	0, 175, 31
RGB Percent	0%, 69%, 12%
CMY	1.0000, 0.3137, 0.8784
CMYK	1.00, 0.00, 0.82, 0.31
HSL	131°, 100%, 34%
HSV	131°, 100%, 69%
XYZ	15.5773, 30.7589, 6.4124
YIQ	106.2590, -58.0760, -81.8840

Conversions

Conversions Part 2

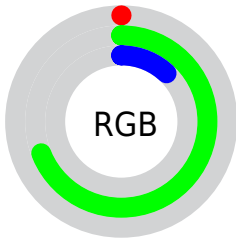
Format	Color
RYB	0, 149, 175
Decimal	44831
CIELab	62.30, -63.89, 57.19
CIELCh	62, 85.751, 138.166
Yxy	30.7589, 0.2953, 0.5831
Android (android.graphics.Color)	4278234911 (0xFF00AF1F)
YUV	106.2590, -37.1027, -93.1891
Hunter-Lab	55.4607, -46.9207, 31.9674

Details

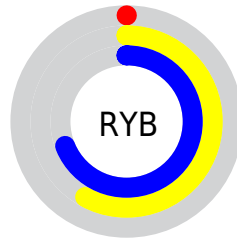
The YUV color **106.2590, -37.1027, -93.1891** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **68.7410, 37.1027, 93.1891**, and the grayscale version is **107.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **175.0340, -42.4148, -69.3128**, and **71.0270, -35.0163, -62.2907** is the 20% darker color. If you saturate the color by 10%, you get **106.2590, -37.1027, -93.1891**, and if you desaturate by 10%, it is **112.9380, -33.4934, -84.1376**.

Distribution



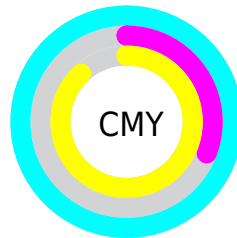
- Red (0%)
- Green (69%)
- Blue (12%)



- Red (0%)
- Yellow (58%)
- Blue (69%)



- Cyan (100%)
- Magenta (0%)
- Yellow (82%)
- Black (31%)



- Cyan (100%)
- Magenta (31%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the YUV color 106.2590, -37.1027, -93.1891 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 106.2590, -37.1027, -93.1891 by changing the saturation by 10% instead.

■ 106.2590,
-37.1027, -93.1891

■ 106.2590,
-37.1027, -93.1891

■ 255.0000, 0.0000,
0.0000

■ 86.8760, -42.8299,
-76.1903

■ 175.0340,
-42.4148, -69.3128

■ 71.0270, -35.0163,
-62.2907

■ 200.8820,
-41.8468, -64.7945

■ 55.7650, -27.4921,
-48.9059

■ 213.2290,
-34.6229, -48.4358

■ 40.5030, -19.9680,
-35.5211

■ 225.3910,
-26.8148, -32.7919

■ 27.0020, -13.3120,
-23.6808

■ 237.9660,
-18.7172, -16.6332

■ 8.8050, -4.3409,
-7.7220

■ 250.1280,

■ 0.0000, 0.0000,

-10.9091, -0.9893

0.0000

■ 106.2590,
-37.1027, -93.1891

■ 112.9380,
-33.4934, -84.1376

■ 120.0300,
-29.5948, -74.5713

■ 127.0080,
-26.1329, -64.9050

■ 133.8010,
-22.0869, -55.9535

■ 140.7790,
-18.6250, -46.2872

■ 147.4580,
-15.0158, -37.2357

■ 154.2510,
-10.9697, -28.2841

■ 161.2290, -7.5079,
-18.6178

■ 168.3210, -3.6093,
-9.0515

Harmonies

Analogous

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



136.0680, -67.0815, 2.5714



106.2590, -37.1027, -93.1891



120.1720, -1.5638, -105.3908

Triad

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



106.2590, -37.1027, -93.1891



128.2730, 62.4764, -112.4954



122.6030, -7.1993, 116.1122

Complementary

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



106.2590, -37.1027, -93.1891



68.7410, 37.1027, 93.1891

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.



132.4410, 25.4186, 107.4842



106.2590, -37.1027, -93.1891



127.9500, 62.6357, -70.1161

Square

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



106.2590, -37.1027, -93.1891



134.7300, 59.2931, -118.1582



152.9680, 49.3158, 49.1401



138.1200, -51.8242, 102.5038

Rectangle

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



106.2590, -37.1027, -93.1891



126.8010, 21.2971, -111.2045



152.9680, 49.3158, 49.1401



120.7570, 6.0358, 117.7311

Sweetspot

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



106.2590, -37.1027, -93.1891



200.2840, -14.4370, -36.2061



146.3790, -72.1648, -0.3324



98.5660, -8.6600, -22.4214



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



106.2590, -37.1027, -93.1891



137.8090, -48.2198, -120.8585



116.0630, 0.4619, -101.7873



83.5110, -1.7309, -4.8331



91.1280, -31.6151, -79.9193



13.9570, -4.9088, -12.2403

Inverse Universe

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



68.7410, 37.1027, 93.1891



89.1910, 48.2198, 120.8585



58.9370, -0.4619, 101.7873



81.4890, 1.7309, 4.8331



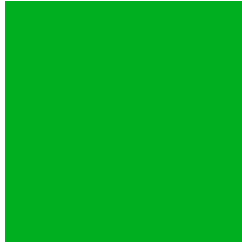
58.9860, 32.0519, 79.8193



9.0430, 4.9088, 12.2403

Previews

White Background



This preview shows how the YUV color 106.2590, -37.1027, -93.1891 looks on a white 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

Black Background



This preview shows how the YUV color 106.2590, -37.1027, -93.1891 looks on a black 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

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

YUV 106.2590, -37.1027, -93.1891 Background



This preview shows how black text looks on a background with the YUV color 106.2590, -37.1027, -93.1891.



This preview shows how white text looks on a background with the YUV color 106.2590, -37.1027, -93.1891.

-93.1891.

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

106.2590, -37.1027, -93.1891

Protanopia

141.3170, -57.8373, 24.2780

Deuteranopia

144.7390, -47.6923, 37.0629



Tritanopia

137.5720, 18.9450, -56.6296

Trichromacy



Original Color

106.2590, -37.1027, -93.1891



Protanomaly

128.7030, -50.1396, -18.1565



Deuteranomaly

130.7670, -43.7621, -10.3197



Tritanomaly

125.8050, -1.3829, -69.9890

Monochromacy



Original Color

106.2590, -37.1027, -93.1891



Achromatopsia

106.0000, 0.0000, 0.0000



Achromatomaly

105.9360, -13.2794, -34.1469

CSS Examples

Text

The CSS property to change the color of the text to YUV 106.2590, -37.1027, -93.1891 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, 175, 31)` looks like.

```
.text, #text, p{  
    color:rgb(0, 175, 31)  
}
```

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, 175, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 175, 31) }
```

Border

The CSS property to change the border of an element to YUV 106.2590, -37.1027, -93.1891 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, 175, 31) }
```


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

```
.border{ border-color:rgb(0, 175, 31) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 175, 31)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 175, 31); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 175, 31);  
box-shadow:4px 4px 4px 4px rgb(0, 175, 31)  
}
```

Background

The CSS property to change the background color of an element to YUV 106.2590, -37.1027, -93.1891 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 175, 31) }
```

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

```
.background{ background-color: rgb(0, 175,  
31) }
```

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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