

Converting Colors

YUV(105.0510, -31.5771,
-92.1297)

Have a look what the booklet for
YUV(105.0510, -31.5771, -92.1297)
contains.

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Color

**YUV(105.0510, -31.5771,
-92.1297)**

Conversions

Conversions Part 1

Format	Color
Hex	00AB29
RGB	0, 171, 41
RGB Percent	0%, 67%, 16%
CMY	1.0000, 0.3294, 0.8392
CMYK	1.00, 0.00, 0.76, 0.33
HSL	134°, 100%, 34%
HSV	134°, 100%, 67%
XYZ	14.9631, 29.2859, 6.9619
YIQ	105.0510, -60.1860, -76.6820

Conversions

Conversions Part 2

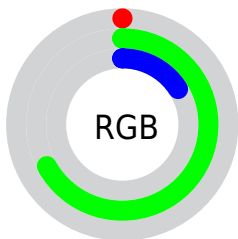
Format	Color
RYB	0, 138, 171
Decimal	43817
CIELab	61.03, -62.06, 52.84
CIELCh	61, 81.508, 139.587
Yxy	29.2859, 0.2922, 0.5719
Android (android.graphics.Color)	4278233897 (0xFF00AB29)
YUV	105.0510, -31.5771, -92.1297
Hunter-Lab	54.1165, -45.3487, 30.2540

Details

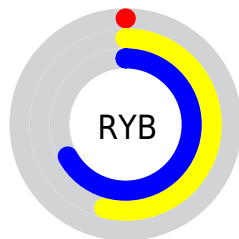
The YUV color **105.0510, -31.5771, -92.1297** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **65.9490, 31.5771, 92.1297**, and the grayscale version is **105.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **172.7720, -38.3416, -69.0830**, and **68.6790, -33.8587, -60.2315** is the 20% darker color. If you saturate the color by 10%, you get **105.0510, -31.5771, -92.1297**, and if you desaturate by 10%, it is **111.6160, -28.4047, -82.9782**.

Distribution



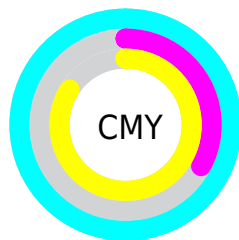
- Red (0%)
- Green (67%)
- Blue (16%)



- Red (0%)
- Yellow (54%)
- Blue (67%)



- Cyan (100%)
- Magenta (0%)
- Yellow (76%)
- Black (33%)



- Cyan (100%)
- Magenta (33%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YUV color 105.0510, -31.5771, -92.1297 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 105.0510, -31.5771, -92.1297 by changing the saturation by 10% instead.

■ 105.0510,
-31.5771, -92.1297

■ 105.0510,
-31.5771, -92.1297

■ 255.0000, 0.0000,
0.0000

■ 84.9840, -39.9251,
-74.5310

■ 172.7720,
-38.3416, -69.0830

■ 68.6790, -33.8587,
-60.2315

■ 200.9680,
-38.9312, -66.6239

■ 53.4170, -26.3346,
-46.8467

■ 213.3150,
-31.7073, -50.2653

■ 38.7420, -19.0998,
-33.9767

■ 225.4770,
-23.8992, -34.6213

■ 25.2410, -12.4438,
-22.1364

■ 237.7530,
-15.6542, -19.0774

■ 4.1090, -2.0257,
-3.6036

■ 249.9150, -7.8461,

■ 0.0000, 0.0000,

-3.4335

0.0000

■ 105.0510,
-31.5771, -92.1297

■ 111.6160,
-28.4047, -82.9782

■ 118.1810,
-25.2322, -73.8267

■ 124.7460,
-22.0598, -64.6752

■ 131.3110,
-18.8873, -55.5237

■ 137.8760,
-15.7149, -46.3723

■ 144.7400,
-12.6898, -36.6060

■ 151.3050, -9.5174,
-27.4545

■ 157.8700, -6.3449,
-18.3030

■ 164.4350, -3.1725,
-9.1515

Harmonies

Analogous

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



132.5130, -65.3289, 0.4271



105.0510, -31.5771, -92.1297



117.4650, 0.7568, -103.0168

Triad

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



105.0510, -31.5771, -92.1297



124.7510, 64.2128, -109.4066



126.2560, -10.9722, 112.9085

Complementary

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



105.0510, -31.5771, -92.1297



65.9490, 31.5771, 92.1297

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.



133.8770, 20.7666, 106.2249



105.0510, -31.5771, -92.1297



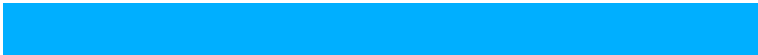
132.7890, 60.2500, -51.5580

Square

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



105.0510, -31.5771, -92.1297



131.7950, 60.7401, -115.5842



149.9420, 45.3846, 50.0399



136.9020, -51.2237, 96.5559

Rectangle

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



105.0510, -31.5771, -92.1297



124.3390, 22.0179, -109.0453



149.9420, 45.3846, 50.0399



124.7690, 1.0999, 114.2126

Sweetspot

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



105.0510, -31.5771, -92.1297



196.1530, -12.4004, -36.0912



139.5460, -68.7962, -7.4948



96.5060, -7.6445, -21.4918



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



105.0510, -31.5771, -92.1297



136.3560, -41.0945, -119.5842



114.6270, 5.1139, -100.5279



83.5110, -1.7309, -4.8331



92.1540, -27.6839, -80.8191



14.1850, -4.0352, -12.4402

Inverse Universe

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



65.9490, 31.5771, 92.1297



85.6440, 41.0945, 119.5842



56.3730, -5.1139, 100.5279



81.4890, 1.7309, 4.8331



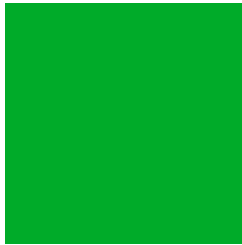
57.8460, 27.6839, 80.8191



8.8150, 4.0352, 12.4402

Previews

White Background



This preview shows how the YUV color 105.0510, -31.5771, -92.1297 looks on a white 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

Black Background



This preview shows how the YUV color 105.0510, -31.5771, -92.1297 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 × Fail

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

YUV 105.0510, -31.5771, -92.1297 Background



This preview shows how black text looks on a background with the YUV color 105.0510, -31.5771, -92.1297.



This preview shows how white text looks on a background with the YUV color 105.0510, -31.5771, -92.1297.

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

105.0510, -31.5771, -92.1297

Protanopia

139.3150, -51.4273, 21.6487

Deuteranopia

142.1670, -43.4663, 34.9335



Tritanopia

134.1700, 18.6502, -55.4001

Trichromacy



Original Color

105.0510, -31.5771, -92.1297



Protanomaly

126.8860, -44.3138, -20.0710



Deuteranomaly

128.9070, -39.3942, -11.3194



Tritanomaly

123.2720, 0.3589, -68.6445

Monochromacy



Original Color

105.0510, -31.5771, -92.1297



Achromatopsia

105.0000, 0.0000, 0.0000



Achromatomaly

105.1040, -11.3903, -33.4172

CSS Examples

Text

The CSS property to change the color of the text to YUV 105.0510, -31.5771, -92.1297 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, 171, 41)` looks like.

```
.text, #text, p{  
    color:rgb(0, 171, 41)  
}
```

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, 171, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 171, 41) }
```

Border

The CSS property to change the border of an element to YUV 105.0510, -31.5771, -92.1297 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, 171, 41) }
```


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

```
.border{ border-color:rgb(0, 171, 41) }
```

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

Here you see how a box with a 4 pixel rgb(0, 171, 41) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 171, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 171, 41);  
box-shadow:4px 4px 4px 4px rgb(0, 171, 41)  
}
```

Background

The CSS property to change the background color of an element to YUV 105.0510, -31.5771, -92.1297 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 171, 41) }
```

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

```
.background{ background-color: rgb(0, 171,  
41) }
```

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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