

# Converting Colors

YUV(62.9090, -15.7311,  
-41.1392)

Have a look what the booklet for  
YUV(62.9090, -15.7311, -41.1392)  
contains.

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# Color

**YUV(62.9090, -15.7311,  
-41.1392)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	105D1F
RGB	16, 93, 31
RGB Percent	6%, 36%, 12%
CMY	0.9373, 0.6353, 0.8784
CMYK	0.83, 0.00, 0.67, 0.64
HSL	132°, 71%, 21%
HSV	132°, 83%, 36%
XYZ	4.3754, 8.0378, 2.6172
YIQ	62.9090, -25.9900, -35.6060

# Conversions

## Conversions Part 2

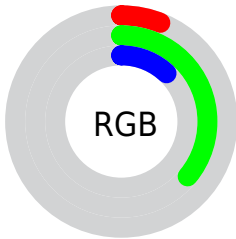
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	16, 80, 93
Decimal	1072415
CIE <sub>Lab</sub>	34.06, -36.59, 28.59
CIE <sub>LCh</sub>	34, 46.434, 141.991
Y <sub>xy</sub>	8.0378, 0.2911, 0.5348
Android (android.graphics.Color)	4279262495 (0xFF105D1F)
YUV	62.9090, -15.7311, -41.1392
Hunter-Lab	28.3510, -22.0667, 14.3725

# Details

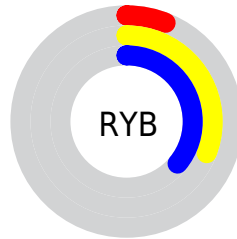
The YUV color **62.9090, -15.7311, -41.1392** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **46.0910, 15.7311, 41.1392**, and the grayscale version is **63.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **115.5460, -18.5102, -36.4358**, and **27.0020, -13.3120, -23.6808** is the 20% darker color. If you saturate the color by 10%, you get **59.4200, -17.4621, -45.9723**, and if you desaturate by 10%, it is **66.3980, -14.0002, -36.3060**.

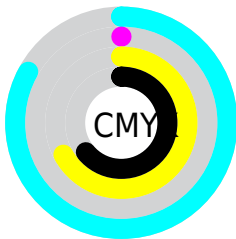
# Distribution



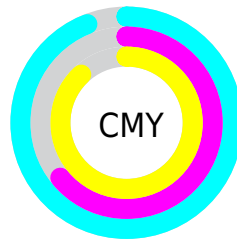
- Red (6%)
- Green (36%)
- Blue (12%)



- Red (6%)
- Yellow (31%)
- Blue (36%)



- Cyan (83%)
- Magenta (0%)
- Yellow (67%)
- Black (64%)



- Cyan (94%)
- Magenta (64%)
- Yellow (88%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 62.9090, -15.7311, -41.1392 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 62.9090, -15.7311, -41.1392 by changing the saturation by 10% instead.



■ 62.9090, -15.7311,  
-41.1392

■ 62.9090, -15.7311,  
-41.1392

255.0000, 0.0000,  
0.0000

■ 41.3010, -16.9104,  
-36.2210

■ 115.5460,  
-18.5102, -36.4358

■ 27.0020, -13.3120,  
-23.6808

■ 142.2040,  
-19.8206, -36.1359

■ 13.5010, -6.6560,  
-11.8404

■ 169.3780,  
-20.3994, -37.1655

■ 0.0000, 0.0000,  
0.0000

■ 197.1500,  
-21.2730, -36.9656

■ 225.0360,  
-21.7097, -36.8656

■ 236.6000,

-13.6068, -22.4512

■ 248.4630, -5.6513,  
-7.4221

■ 62.9090, -15.7311,  
-41.1392

■ 62.9090, -15.7311,  
-41.1392

■ 59.4200, -17.4621,  
-45.9723

■ 66.3980, -14.0002,  
-36.3060

■ 56.6430, -19.0510,  
-49.6759

■ 70.3000, -11.9799,  
-30.9581

■ 73.7890, -10.2490,  
-26.1250

■ 77.3920, -8.0813,  
-21.3918

■ 81.1800, -6.4977,  
-15.9439

■ 84.7830, -4.3300,  
-11.2107

■ 88.2720, -2.5991,  
-6.3775

■ 91.8750, -0.4314,  
-1.6444

■ 95.6630, 1.1521,  
3.8035

# Harmonies

## Analogous

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



71.7110, -35.3535, -0.6235



62.9090, -15.7311, -41.1392



64.2180, 2.3575, -56.3192

# Triad

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



62.9090, -15.7311, -41.1392



68.5110, 41.6531, -60.0841



75.4530, -10.0833, 60.9927

# Complementary

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



62.9090, -15.7311, -41.1392



46.0910, 15.7311, 41.1392

# 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.



77.0020, 7.3940, 55.2492



62.9090, -15.7311, -41.1392



78.3530, 34.8290, -17.8496

# Square

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



62.9090, -15.7311, -41.1392



70.9100, 33.0754, -62.1881



81.9090, 21.7369, 28.1438



76.1960, -27.2116, 48.0631



# Rectangle

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



62.9090, -15.7311, -41.1392



67.6550, 12.9881, -59.3334



81.9090, 21.7369, 28.1438



75.0600, -3.9736, 61.3374

# Sweetspot

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



62.9090, -15.7311, -41.1392



108.2940, -6.0609, -16.0438



80.0360, -31.5697, -0.9086



53.9080, -3.8986, -9.5663



189.0000, 0.0000, 0.0000



61.0000, 0.0000, 0.0000



# Same Dimension

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



62.9090, -15.7311, -41.1392



73.4750, -24.3912, -63.5606



67.2410, 0.8672, -44.9384



44.0490, -1.0102, -2.6740



66.9640, -22.6603, -58.7274



144.3630, -48.4930, -126.6064



# Inverse Universe

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



46.0910, 15.7311, 41.1392



47.5250, 24.3912, 63.5606



41.7590, -0.8672, 44.9384



42.9510, 1.0102, 2.6740



42.9220, 22.2235, 58.8274

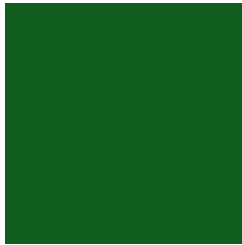


92.6370, 48.4930, 126.6064



# Previews

## White Background



This preview shows how the YUV color 62.9090, -15.7311, -41.1392 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 62.9090, -15.7311, -41.1392

## Background



This preview shows how black text looks on a background with the YUV color 62.9090, -15.7311, -41.1392.



This preview shows how white text looks on a background with the YUV color 62.9090, -15.7311, -41.1392.



# 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

62.9090, -15.7311, -41.1392

### Protanopia

76.6490, -24.4770, 10.8318

### Deuteranopia

78.4310, -20.4255, 18.0390



## Tritanopia

73.7450, 9.9857, -29.5944

# Trichromacy



## Original Color

62.9090, -15.7311, -41.1392

## Protanomaly

71.6250, -21.5071, -8.4411

## Deuteranomaly

72.7550, -18.6132, -3.2931

## Tritanomaly

69.6060, 0.6872, -33.8575

# Monochromacy



## Original Color

62.9090, -15.7311, -41.1392

## Achromatopsia

63.0000, 0.0000, 0.0000

## Achromatomaly

63.0060, -5.9190, -14.9143

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 62.9090, -15.7311, -41.1392 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(16, 93, 31)` looks like.

```
.text, #text, p{  
    color:rgb(16, 93, 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(16, 93, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(16, 93, 31) }
```

## Border

The CSS property to change the border of an element to YUV 62.9090, -15.7311, -41.1392 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".

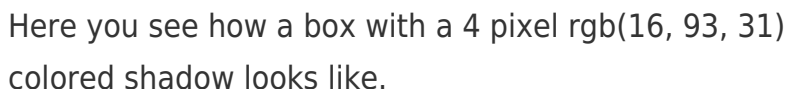
```
.border, #border, table{ border:4px solid rgb(16, 93, 31) }
```



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

```
.border{ border-color:rgb(16, 93, 31) }
```

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



Here you see how a box with a 4 pixel `rgb(16, 93, 31)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(16, 93, 31); -webkit-box-  
shadow:4px 4px 4px 4px rgb(16, 93, 31);  
box-shadow:4px 4px 4px 4px rgb(16, 93, 31)  
}
```

# Background

The CSS property to change the background color of an element to YUV 62.9090, -15.7311, -41.1392 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(16, 93, 31) }
```

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

```
.background{ background-color: rgb(16, 93,  
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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