

Converting Colors

YUV(109.4860, -7.6346,
-71.4632)

Have a look what the booklet for
YUV(109.4860, -7.6346, -71.4632)
contains.

YUV(109.4860, -7.6346, -71.4632)	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>	31

Color

**YUV(109.4860, -7.6346,
-71.4632)**

Conversions

Conversions Part 1

Format	Color
Hex	1C9A5E
RGB	28, 154, 94
RGB Percent	11%, 60%, 37%
CMY	0.8902, 0.3961, 0.6314
CMYK	0.82, 0.00, 0.39, 0.40
HSL	151°, 69%, 36%
HSV	151°, 82%, 60%
XYZ	14.0549, 24.1662, 14.5135
YIQ	109.4860, -55.8360, -45.3720

Conversions

Conversions Part 2

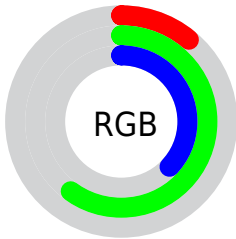
Format	Color
RYB	28, 111, 154
Decimal	1874526
CIELab	56.25, -47.04, 22.41
CIELCh	56, 52.102, 154.524
Yxy	24.1662, 0.2665, 0.4583
Android (android.graphics.Color)	4280064606 (0xFF1C9A5E)
YUV	109.4860, -7.6346, -71.4632
Hunter-Lab	49.1592, -34.9944, 16.9070

Details

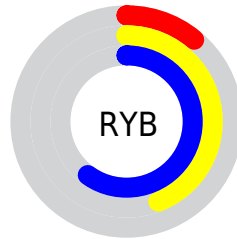
The YUV color **109.4860, -7.6346, -71.4632** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **72.5140, 7.6346, 71.4632**, and the grayscale version is **110.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **167.6180, -11.1507, -63.6860**, and **65.2320, -8.9884, -57.2085** is the 20% darker color. If you saturate the color by 10%, you get **104.2030, -8.4811, -79.9850**, and if you desaturate by 10%, it is **114.7690, -6.7881, -62.9414**.

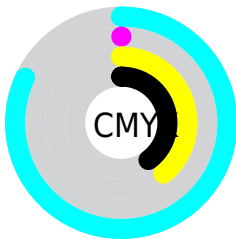
Distribution



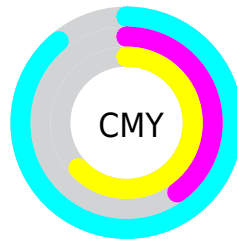
- Red (11%)
- Green (60%)
- Blue (37%)



- Red (11%)
- Yellow (44%)
- Blue (60%)



- Cyan (82%)
- Magenta (0%)
- Yellow (39%)
- Black (40%)



- Cyan (89%)
- Magenta (40%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YUV color 109.4860, -7.6346, -71.4632 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 109.4860, -7.6346, -71.4632 by changing the saturation by 10% instead.

■ 109.4860, -7.6346,
-71.4632

■ 109.4860, -7.6346,
-71.4632

255.0000, 0.0000,
0.0000

■ 82.5290, -6.1768,
-72.3779

■ 167.6180,
-11.1507, -63.6860

■ 65.2320, -8.9884,
-57.2085

■ 196.6890,
-12.1717, -62.8713

■ 47.4620, -11.0738,
-41.6242

■ 218.1180, -9.4252,
-57.1085

■ 31.1110, -15.3377,
-27.2843

■ 229.9810, -1.4696,
-42.0793

■ 17.6100, -8.6817,
-15.4440

■ 242.1430, 6.3385,
-26.4354

■ 0.0000, 0.0000,
0.0000

■ 251.1130, 1.9163,

-7.9921

■ 109.4860, -7.6346,
-71.4632

■ 109.4860, -7.6346,
-71.4632

■ 104.2030, -8.4811,
-79.9850

■ 114.7690, -6.7881,
-62.9414

■ 99.6320, -9.1856,
-87.3773

■ 120.4650, -5.6522,
-53.9048

■ 125.7480, -4.8058,
-45.3830

■ 131.3300, -4.1067,
-36.2464

■ 136.7270, -2.8234,
-27.8246

■ 142.0100, -1.9769,
-19.3028

■ 147.5920, -1.2779,
-10.1662

■ 152.9890, 0.0054,
-1.7444

■ 158.5710, 0.7045,
7.3922

Harmonies

Analogous

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



124.2530, -34.1417, -16.0079



109.4860, -7.6346, -71.4632



108.2330, 16.1541, -94.9203

Triad

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



109.4860, -7.6346, -71.4632



121.0080, 51.2681, -64.0280



132.7780, -23.0616, 70.3547

Complementary

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



109.4860, -7.6346, -71.4632



72.5140, 7.6346, 71.4632

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.



134.2940, -2.1169, 72.5332



109.4860, -7.6346, -71.4632



138.0340, 35.4792, 6.9862

Square

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



109.4860, -7.6346, -71.4632



112.6740, 50.9397, -98.8151



138.1290, 18.1774, 49.8759



131.8900, -39.8788, 50.9625

Rectangle

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



109.4860, -7.6346, -71.4632



111.6530, 29.2581, -97.9197



138.1290, 18.1774, 49.8759



133.2220, -16.3784, 73.4733

Sweetspot

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



109.4860, -7.6346, -71.4632



183.3140, -3.1128, -28.3394



120.2010, -45.4551, -27.3633



91.0210, -1.9824, -17.5584



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

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



109.4860, -7.6346, -71.4632



131.3810, -12.0198, -111.7131



115.1520, 19.1521, -76.4323



74.1520, -0.5679, -4.5183



90.5020, -8.6285, -79.3703



8.4290, -0.7045, -7.3922

Inverse Universe

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



72.5140, 7.6346, 71.4632



73.6190, 12.0198, 111.7131



66.8480, -19.1521, 76.4323



71.7340, 0.1311, 4.6183



49.4980, 8.6285, 79.3703



4.5710, 0.7045, 7.3922

Previews

White Background



This preview shows how the YUV color 109.4860, -7.6346, -71.4632 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 109.4860, -7.6346, -71.4632 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 109.4860, -7.6346, -71.4632 Background



This preview shows how black text looks on a background with the YUV color 109.4860, -7.6346, -71.4632.



This preview shows how white text looks on a background with the YUV color 109.4860, -7.6346,

-71.4632.

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

109.4860, -7.6346, -71.4632

Protanopia

132.1160, -22.7352, 12.1763

Deuteranopia

133.7780, -16.6526, 21.2427



Tritanopia

121.9530, 17.7712, -53.4558

Trichromacy



Original Color

109.4860, -7.6346, -71.4632



Protanomaly

123.7100, -17.1120, -18.1627



Deuteranomaly

124.7800, -13.2025, -12.0851



Tritanomaly

117.5040, 8.6255, -60.0780

Monochromacy



Original Color

109.4860, -7.6346, -71.4632



Achromatopsia

109.0000, 0.0000, 0.0000



Achromatomaly

109.1510, -2.5394, -25.5654

CSS Examples

Text

The CSS property to change the color of the text to YUV 109.4860, -7.6346, -71.4632 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(28, 154, 94)` looks like.

```
.text, #text, p{  
    color:rgb(28, 154, 94)  
}
```

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(28, 154, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(28, 154, 94) }
```

Border

The CSS property to change the border of an element to YUV 109.4860, -7.6346, -71.4632 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(28, 154, 94) }
```


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

```
.border{ border-color:rgb(28, 154, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(28, 154, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(28, 154, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(28, 154, 94);  
box-shadow:4px 4px 4px 4px rgb(28, 154,  
94) }
```

Background

The CSS property to change the background color of an element to YUV 109.4860, -7.6346, -71.4632 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(28, 154, 94) }
```

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

```
.background{ background-color: rgb(28, 154,  
94) }
```

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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