

Converting Colors

YUV(107.2870, 14.6485,
-31.8237)

Have a look what the booklet for
YUV(107.2870, 14.6485, -31.8237)
contains.

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Color

**YUV(107.2870, 14.6485,
-31.8237)**

Conversions

Conversions Part 1

Format	Color
Hex	477889
RGB	71, 120, 137
RGB Percent	28%, 47%, 54%
CMY	0.7216, 0.5294, 0.4627
CMYK	0.48, 0.12, 0.00, 0.46
HSL	195°, 32%, 41%
HSV	195°, 48%, 54%
XYZ	13.8304, 16.5787, 26.1380
YIQ	107.2870, -34.6610, -5.1010

Conversions

Conversions Part 2

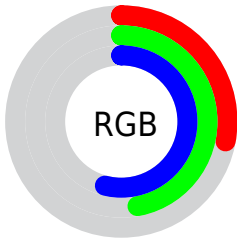
Format	Color
R_{YB}	71, 99, 137
Decimal	4683913
CIE _{Lab}	47.72, -11.69, -14.43
CIE _{LCh}	48, 18.569, 230.991
Yxy	16.5787, 0.2446, 0.2932
Android (android.graphics.Color)	4282873993 (0xFF477889)
YUV	107.2870, 14.6485, -31.8237
Hunter-Lab	40.7169, -10.6233, -9.5590

Details

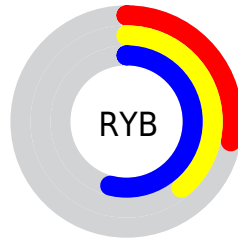
The YUV color **107.2870, 14.6485, -31.8237** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **100.7130, -14.6485, 31.8237**, and the grayscale version is **107.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **159.4010, 15.0853, -31.9237**, and **56.0800, 15.2436, -36.0272** is the 20% darker color. If you saturate the color by 10%, you get **100.7530, 17.8698, -38.3714**, and if you desaturate by 10%, it is **113.8210, 11.4272, -25.2760**.

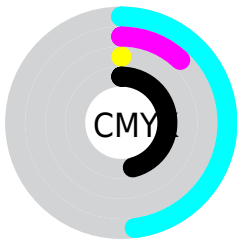
Distribution



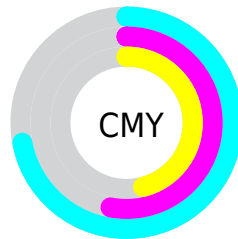
- Red (28%)
- Green (47%)
- Blue (54%)



- Red (28%)
- Yellow (39%)
- Blue (54%)



- Cyan (48%)
- Magenta (12%)
- Yellow (0%)
- Black (46%)



- Cyan (72%)
- Magenta (53%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the YUV color 107.2870, 14.6485, -31.8237 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 107.2870, 14.6485, -31.8237 by changing the saturation by 10% instead.

■ 107.2870, 14.6485,
-31.8237

■ 107.2870, 14.6485,
-31.8237

■ 255.0000, 0.0000,
0.0000

■ 81.9880, 14.7959,
-32.4385

■ 159.4010, 15.0853,
-31.9237

■ 56.0800, 15.2436,
-36.0272

■ 187.1020, 15.2327,
-32.5385

■ 36.0590, 13.7749,
-31.6237

■ 215.2160, 15.6695,
-32.6384

■ 21.2240, 10.2426,
-18.6134

■ 240.3490, 7.2229,
-30.1241

■ 3.0950, 9.3202,
-2.7143

■ 249.0200, 2.9481,
-12.2955

■ 0.0000, 0.0000,
0.0000

■ 107.2870, 14.6485,
-31.8237

■ 107.2870, 14.6485,
-31.8237

■ 100.7530, 17.8698,
-38.3714

■ 113.8210, 11.4272,
-25.2760

■ 95.1050, 20.6542,
-44.8191

■ 119.4690, 8.6428,
-18.8283

■ 88.5710, 23.8755,
-51.3668

■ 126.0030, 5.4215,
-12.2806

■ 82.6240, 26.8074,
-58.4292

■ 131.9500, 2.4897,
-5.2181

■ 76.3890, 29.8812,
-64.3622

■ 138.4840, -0.7316,
1.3295

■ 75.4920, 30.3234,
-66.2065

■ 144.1320, -3.5161,
7.7772

■ 150.6660, -6.7373,
14.3249

■ 156.6130, -9.6692,

21.3874

 162.8480,
-12.7431, 27.3203

Harmonies

Analogous

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



106.0820, 8.8336, -33.3979



107.2870, 14.6485, -31.8237



110.8200, 16.3577, -20.0131

Triad

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



107.2870, 14.6485, -31.8237



115.5990, 1.6767, 22.2767



111.4550, -13.5353, 1.3550

Complementary

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



107.2870, 14.6485, -31.8237



100.7130, -14.6485, 31.8237

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.



113.1900, -14.8837, 13.8654



107.2870, 14.6485, -31.8237



114.9710, -5.9017, 26.3354

Square

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



107.2870, 14.6485, -31.8237



115.9550, 8.4032, 11.4405



114.6410, -12.1480, 23.1168



109.4470, -8.1084, -12.6700

Rectangle

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



107.2870, 14.6485, -31.8237



113.2450, 15.1622, -9.8619



114.6410, -12.1480, 23.1168



111.8470, -14.7146, 6.2732

Sweetspot

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



107.2870, 14.6485, -31.8237



167.4160, 5.7109, -11.7658



111.6800, -11.6742, -35.6764



82.1670, 3.3687, -7.1625



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



107.2870, 14.6485, -31.8237



132.0550, 23.1439, -50.0372



88.5030, 23.9090, -15.3501



65.7330, 1.6106, -3.2738



72.6880, 29.7338, -63.7474



2.9180, 1.0264, -2.5591

Inverse Universe

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



96.3200, 11.6742, 35.6764



114.8740, 18.3031, 56.2385



120.0840, -24.1984, 14.8353



64.6630, 1.1521, 3.8035



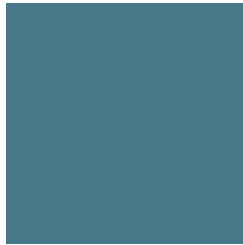
50.9390, 23.2011, 71.9675



1.9510, 1.0102, 2.6740

Previews

White Background



This preview shows how the YUV color 107.2870, 14.6485, -31.8237 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



This preview shows how the YUV color 107.2870, 14.6485, -31.8237 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

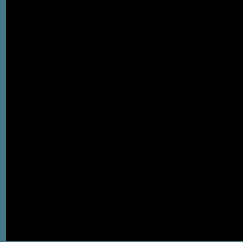
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 107.2870, 14.6485, -31.8237

Background



This preview shows how black text looks on a background with the YUV color 107.2870, 14.6485, -31.8237.



This preview shows how white text looks on a background with the YUV color 107.2870, 14.6485, -31.8237.

-31.8237.

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

107.2870, 14.6485, -31.8237

Protanopia

113.2690, 8.7414, -3.7439

Deuteranopia

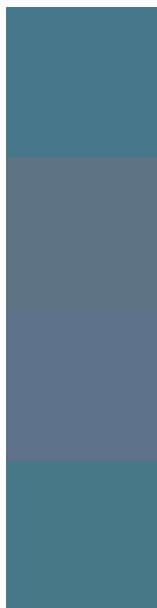
113.3060, 12.6671, -2.8994



Tritanopia

106.5920, 12.0331, -32.9682

Trichromacy



Original Color

107.2870, 14.6485, -31.8237

Protanomaly

111.0720, 10.8105, -14.0951

Deuteranomaly

111.3540, 13.1365, -13.4655

Tritanomaly

107.1190, 12.7593, -32.5534

Monochromacy



Original Color

107.2870, 14.6485, -31.8237

Achromatopsia

107.0000, 0.0000, 0.0000

Achromatomaly

107.3020, 5.2741, -11.6659

CSS Examples

Text

The CSS property to change the color of the text to YUV 107.2870, 14.6485, -31.8237 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(71, 120, 137)` looks like.

```
.text, #text, p{  
    color:rgb(71, 120, 137)  
}
```

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(71, 120, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 120, 137) }
```

Border

The CSS property to change the border of an element to YUV 107.2870, 14.6485, -31.8237 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(71, 120, 137) }
```


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

```
.border{ border-color:rgb(71, 120, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 120, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 120, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 120, 137);  
box-shadow:4px 4px 4px 4px rgb(71, 120,  
137) }
```

Background

The CSS property to change the background color of an element to YUV 107.2870, 14.6485, -31.8237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 120, 137) }
```

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

```
.background{ background-color: rgb(71, 120,  
137) }
```

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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