

Converting Colors

YUV(147.0860, -16.8044,
70.0846)

Have a look what the booklet for
YUV(147.0860, -16.8044, 70.0846)
contains.

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Color

**YUV(147.0860, -16.8044,
70.0846)**

Conversions

Conversions Part 1

Format	Color
Hex	E37171
RGB	227, 113, 113
RGB Percent	89%, 44%, 44%
CMY	0.1098, 0.5569, 0.5569
CMYK	0.00, 0.50, 0.50, 0.11
HSL	0°, 67%, 67%
HSV	0°, 50%, 89%
XYZ	40.5643, 29.3334, 19.1467
YIQ	147.0860, 67.9440, 24.1680

Conversions

Conversions Part 2

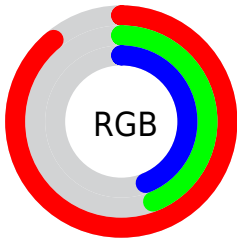
Format	Color
R _Y B	227, 113, 113
Decimal	14905713
CIE Lab	61.07, 44.23, 20.84
CIE LCh	61, 48.893, 25.227
Yxy	29.3334, 0.4556, 0.3294
Android (android.graphics.Color)	4293095793 (0xFFE37171)
YUV	147.0860, -16.8044, 70.0846
Hunter-Lab	54.1603, 38.9101, 16.9521

Details

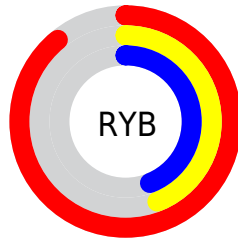
The YUV color **147.0860, -16.8044, 70.0846** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **192.9140, 16.8044, -70.0846**, and the grayscale version is **147.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **193.0840, -13.8454, 54.3003**, and **93.1500, -13.8779, 64.7665** is the 20% darker color. If you saturate the color by 10%, you get **130.9630, -20.1948, 84.2244**, and if you desaturate by 10%, it is **163.2090, -13.4140, 55.9447**.

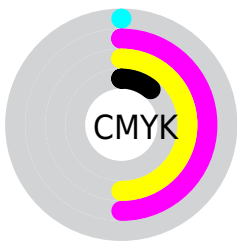
Distribution



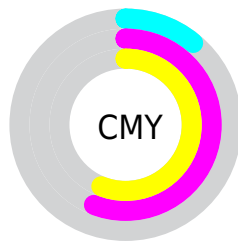
- Red (89%)
- Green (44%)
- Blue (44%)



- Red (89%)
- Yellow (44%)
- Blue (44%)



- Cyan (0%)
- Magenta (50%)
- Yellow (50%)
- Black (11%)



- Cyan (11%)
- Magenta (56%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 147.0860, -16.8044, 70.0846 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 147.0860, -16.8044, 70.0846 by changing the saturation by 10% instead.

■ 147.0860,
-16.8044, 70.0846

■ 147.0860,
-16.8044, 70.0846

■ 255.0000, 0.0000,
0.0000

■ 120.1180,
-15.3412, 67.4255

■ 193.0840,
-13.8454, 54.3003

■ 93.1500, -13.8779,
64.7665

■ 212.5980,
-10.1548, 37.1866

■ 65.5350, -11.1098,
63.5518

■ 232.8130, -6.3168,
19.4580

■ 35.2130, -6.0210,
64.7112

■ 253.0280, -2.4788,
1.7294

■ 24.2190, -11.9400,
49.7969

■ 16.5590, -7.6706,
33.7128

■ 4.1860, -2.0637,

8.6069

■ 0.0000, 0.0000,
0.0000

■ 147.0860,
-16.8044, 70.0846

■ 147.0860,
-16.8044, 70.0846

■ 130.9630,
-20.1948, 84.2244

■ 163.2090,
-13.4140, 55.9447

■ 115.5410,
-23.4377, 97.7495

■ 178.6310,
-10.1711, 42.4196

■ 99.4180, -26.8281,
111.8894

■ 194.7540, -6.7807,
28.2797

■ 83.2950, -30.2184,
126.0293

■ 210.8770, -3.3904,
14.1399

■ 67.8730, -33.4614,
139.5544

■ 227.0000, 0.0000,
0.0000

■ 242.4220, 3.2430,
-13.5251

■ 246.6280, 4.1274,
-17.2138

Harmonies

Analogous

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



149.6180, 3.1463, 64.3560



147.0860, -16.8044, 70.0846



146.1170, -34.0747, 56.0254

Triad

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



147.0860, -16.8044, 70.0846



131.7300, -17.6149, -43.6132



125.9300, 52.7855, -84.1306

Complementary

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



147.0860, -16.8044, 70.0846



192.9140, 16.8044, -70.0846

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.



121.1200, 47.7618, -106.2222



147.0860, -16.8044, 70.0846



115.0490, 11.8078, -100.8980

Square

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



147.0860, -16.8044, 70.0846



139.6460, -36.8005, -3.1975



120.0650, 31.0270, -105.2970



148.9180, 38.0014, -8.6981

Rectangle

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



147.0860, -16.8044, 70.0846



144.2970, -40.5724, 40.0815



120.0650, 31.0270, -105.2970



119.0800, 55.1766, -104.4332

Sweetspot

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



147.0860, -16.8044, 70.0846



228.3620, -5.6015, 23.3615



160.0820, 32.9906, 58.6871



111.8770, -3.3904, 14.1399



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



147.0860, -16.8044, 70.0846



147.7470, -22.5533, 94.0609



180.5450, -33.2997, 40.7410



106.5880, -1.7689, 7.3773



53.5210, -26.3859, 110.0451



15.2490, -7.5178, 31.3536

Inverse Universe

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



192.9140, 16.8044, -70.0846



209.2530, 22.5533, -94.0609



159.4550, 33.2997, -40.7410



111.4120, 1.7689, -7.3773



125.4790, 26.3859, -110.0451



35.7510, 7.5178, -31.3536

Previews

White Background



This preview shows how the YUV color 147.0860, -16.8044, 70.0846 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 147.0860, -16.8044, 70.0846 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 147.0860, -16.8044, 70.0846

Background



This preview shows how black text looks on a background with the YUV color 147.0860, -16.8044, 70.0846.



This preview shows how white text looks on a background with the YUV color 147.0860, -16.8044, 70.0846.

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

147.0860, -16.8044, 70.0846

Protanopia

147.3400, -9.0416, 6.7178

Deuteranopia

147.9910, -19.7156, 23.6869



Tritanopia

147.2970, -13.4574, 69.8995

Trichromacy



Original Color

147.0860, -16.8044, 70.0846

Protanomaly

147.3860, -12.0223, 29.4795

Deuteranomaly

147.4430, -18.4594, 40.8305

Tritanomaly

146.9550, -14.7678, 70.1995

Monochromacy



Original Color

147.0860, -16.8044, 70.0846

Achromatopsia

147.0000, 0.0000, 0.0000

Achromatomaly

147.2590, -6.0437, 25.2059

CSS Examples

Text

The CSS property to change the color of the text to YUV 147.0860, -16.8044, 70.0846 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(227, 113, 113)` looks like.

```
.text, #text, p{  
    color:rgb(227, 113, 113)  
}
```

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(227, 113, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 113, 113) }
```

Border

The CSS property to change the border of an element to YUV 147.0860, -16.8044, 70.0846 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(227, 113, 113) }
```


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

```
.border{ border-color:rgb(227, 113, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 113, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(227, 113, 113); -webkit-box-shadow:4px 4px 4px 4px rgb(227, 113, 113); box-shadow:4px 4px 4px 4px rgb(227, 113, 113) }
```

Background

The CSS property to change the background color of an element to YUV 147.0860, -16.8044, 70.0846 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 113, 113) }
```

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

```
.background{ background-color: rgb(227,  
113, 113) }
```

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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