

Converting Colors

YUV(147.6730, -17.0938,
69.5698)

Have a look what the booklet for
YUV(147.6730, -17.0938, 69.5698)
contains.

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Color

**YUV(147.6730, -17.0938,
69.5698)**

Conversions

Conversions Part 1

Format	Color
Hex	E37271
RGB	227, 114, 113
RGB Percent	89%, 45%, 44%
CMY	0.1098, 0.5529, 0.5569
CMYK	0.00, 0.50, 0.50, 0.11
HSL	1°, 67%, 67%
HSV	1°, 50%, 89%
XYZ	40.6765, 29.5578, 19.1841
YIQ	147.6730, 67.6690, 23.6450

Conversions

Conversions Part 2

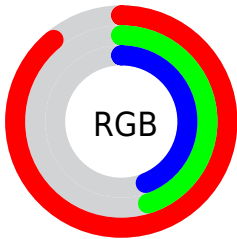
Format	Color
R _Y B	227, 114, 113
Decimal	14905969
CIE Lab	61.27, 43.73, 21.10
CIE LCh	61, 48.557, 25.761
Yxy	29.5578, 0.4549, 0.3306
Android (android.graphics.Color)	4293096049 (0xFFE37271)
YUV	147.6730, -17.0938, 69.5698
Hunter-Lab	54.3671, 38.4083, 17.1357

Details

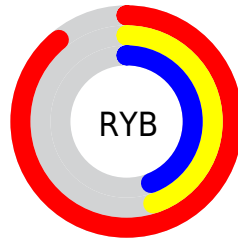
The YUV color **147.6730, -17.0938, 69.5698** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **192.3270, 17.0938, -69.5698**, and the grayscale version is **148.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **193.6710, -14.1348, 53.7855**, and **93.7370, -14.1673, 64.2517** is the 20% darker color. If you saturate the color by 10%, you get **131.5500, -20.4841, 83.7097**, and if you desaturate by 10%, it is **163.7960, -13.7034, 55.4299**.

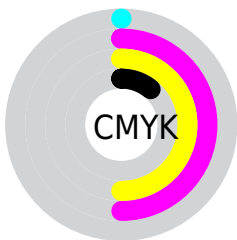
Distribution



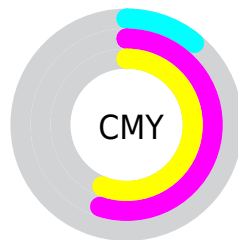
- Red (89%)
- Green (45%)
- Blue (44%)



- Red (89%)
- Yellow (45%)
- Blue (44%)



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





- Cyan (11%)
- Magenta (55%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 147.6730, -17.0938, 69.5698 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 147.6730, -17.0938, 69.5698 by changing the saturation by 10% instead.


 147.6730,
-17.0938, 69.5698


 147.6730,
-17.0938, 69.5698


255.0000, 0.0000,
0.0000

 120.7050,
-15.6306, 66.9107


 193.6710,
-14.1348, 53.7855


 93.7370, -14.1673,
64.2517


 213.1850,
-10.4442, 36.6718


 66.7090, -11.6885,
62.5222

 233.4000, -6.6062,
18.9432

 35.2130, -6.0210,
64.7112

 253.6150, -2.7682,
1.2146

 24.5180, -12.0874,
50.4117

 16.5590, -7.6706,
33.7128

 4.4850, -2.2111,

9.2217

■ 0.0000, 0.0000,
0.0000

■ 147.6730,
-17.0938, 69.5698

■ 147.6730,
-17.0938, 69.5698

■ 131.5500,
-20.4841, 83.7097

■ 163.7960,
-13.7034, 55.4299

■ 116.1280,
-23.7271, 97.2347

■ 179.2180,
-10.4605, 41.9048

■ 100.0050,
-27.1175, 111.3746

■ 195.3410, -7.0701,
27.7649

■ 84.4690, -30.7972,
124.9997

■ 210.8770, -3.3904,
14.1399

■ 69.0470, -34.0402,
138.5248

■ 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



147.6730, -17.0938, 69.5698



146.8180, -33.9273, 55.4106

Triad

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



147.6730, -17.0938, 69.5698



132.5450, -17.0307, -44.3280



128.6210, 51.4588, -78.5976

Complementary

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



147.6730, -17.0938, 69.5698



192.3270, 17.0938, -69.5698

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



147.6730, -17.0938, 69.5698



115.1630, 12.2446, -100.9980

Square

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



147.6730, -17.0938, 69.5698



140.4610, -36.2163, -3.9123



120.1790, 31.4638, -105.3970



149.1030, 37.4172, -7.9833

Rectangle

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



147.6730, -17.0938, 69.5698



144.9980, -40.4250, 39.4668



120.1790, 31.4638, -105.3970



119.0800, 55.1766, -104.4332

Sweetspot

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



147.6730, -17.0938, 69.5698



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.



147.6730, -17.0938, 69.5698



148.3340, -22.8427, 93.5461



180.5450, -33.2997, 40.7410



106.5880, -1.7689, 7.3773



54.6950, -26.9646, 109.0155



15.2490, -7.5178, 31.3536

Inverse Universe

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



192.3270, 17.0938, -69.5698



208.6660, 22.8427, -93.5461



159.4550, 33.2997, -40.7410



111.4120, 1.7689, -7.3773



124.3050, 26.9646, -109.0155



35.7510, 7.5178, -31.3536

Previews

White Background



This preview shows how the YUV color 147.6730, -17.0938, 69.5698 looks on a white background.

Color Contrast Check

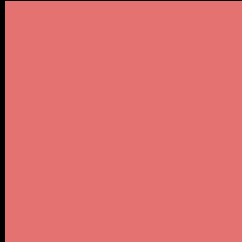
Large Text (above 18pt) WCAG AA ✓ Pass

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 147.6730, -17.0938, 69.5698 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 147.6730, -17.0938, 69.5698

Background



This preview shows how black text looks on a background with the YUV color 147.6730, -17.0938, 69.5698.



This preview shows how white text looks on a background with the YUV color 147.6730, -17.0938, 69.5698.

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

147.6730, -17.0938, 69.5698

Protanopia

147.9270, -9.3310, 6.2030

Deuteranopia

148.2900, -19.8630, 24.3017



Tritanopia

148.2970, -13.4574, 69.8995

Trichromacy



Original Color

147.6730, -17.0938, 69.5698

Protanomaly

147.9730, -12.3117, 28.9647

Deuteranomaly

148.3290, -18.8962, 40.9305

Tritanomaly

147.9550, -14.7678, 70.1995

Monochromacy



Original Color

147.6730, -17.0938, 69.5698

Achromatopsia

148.0000, 0.0000, 0.0000

Achromatomaly

148.1450, -6.4805, 25.3058

CSS Examples

Text

The CSS property to change the color of the text to YUV 147.6730, -17.0938, 69.5698 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, 114, 113)` looks like.

```
.text, #text, p{  
    color:rgb(227, 114, 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, 114, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 114, 113) }
```

Border

The CSS property to change the border of an element to YUV 147.6730, -17.0938, 69.5698 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, 114, 113) }
```


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

```
.border{ border-color:rgb(227, 114, 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, 114, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 114, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 114, 113);  
box-shadow:4px 4px 4px 4px rgb(227, 114,  
113) }
```

Background

The CSS property to change the background color of an element to YUV 147.6730, -17.0938, 69.5698 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 114, 113) }
```

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

```
.background{ background-color: rgb(227,  
114, 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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