

# Converting Colors

YUV(149.1790, -17.8362,  
74.3880)

Have a look what the booklet for  
YUV(149.1790, -17.8362, 74.3880)  
contains.

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# Color

**YUV(149.1790, -17.8362,  
74.3880)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EA7171
RGB	234, 113, 113
RGB Percent	92%, 44%, 44%
CMY	0.0824, 0.5569, 0.5569
CMYK	0.00, 0.52, 0.52, 0.08
HSL	0°, 74%, 68%
HSV	0°, 52%, 92%
XYZ	42.8174, 30.4949, 19.2522
YIQ	149.1790, 72.1160, 25.6520

# Conversions

## Conversions Part 2

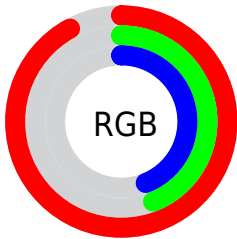
Format	Color
R <sub>Y</sub> B	234, 113, 113
Decimal	15364465
CIE Lab	62.08, 46.75, 22.36
CIE LCh	62, 51.820, 25.568
Yxy	30.4949, 0.4626, 0.3294
Android (android.graphics.Color)	4293554545 (0xFFEA7171)
YUV	149.1790, -17.8362, 74.3880
Hunter-Lab	55.2222, 41.7640, 17.9852

# Details

The YUV color **149.1790, -17.8362, 74.3880** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **197.8210, 17.8362, -74.3880**, and the grayscale version is **149.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **193.6710, -14.1348, 53.7855**, and **94.6560, -14.6204, 69.5847** is the 20% darker color. If you saturate the color by 10%, you get **133.0560, -21.2266, 88.5279**, and if you desaturate by 10%, it is **165.3020, -14.4459, 60.2481**.

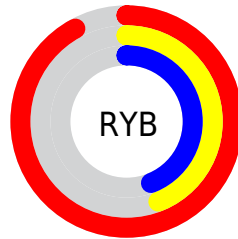
# Distribution



Red (92%)

Green (44%)

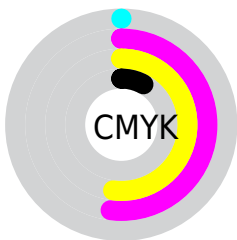
Blue (44%)



Red (92%)

Yellow (44%)

Blue (44%)

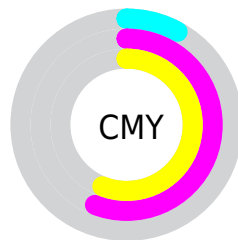


Cyan (0%)

Magenta (52%)

Yellow (52%)

Black (8%)



Cyan (8%)

Magenta (56%)


Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 149.1790, -17.8362, 74.3880 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 149.1790, -17.8362, 74.3880 by changing the saturation by 10% instead.





 149.1790,  
-17.8362, 74.3880


 149.1790,  
-17.8362, 74.3880


255.0000, 0.0000,  
0.0000


 121.6240,  
-16.0836, 72.2438


 193.6710,  
-14.1348, 53.7855


 94.6560, -14.6204,  
69.5847


 213.1850,  
-10.4442, 36.6718


 66.7420, -11.7048,  
67.7553

 232.8130, -6.3168,  
19.4580

 37.0070, -6.9055,  
68.3999

 253.6150, -2.7682,  
1.2146

 26.0130, -12.8244,  
53.4856

 17.7550, -8.2602,  
36.1719

 7.5890, -3.2484,

15.2694

■ 0.0000, 0.0000,  
0.0000

■ 149.1790,  
-17.8362, 74.3880

■ 149.1790,  
-17.8362, 74.3880

■ 133.0560,  
-21.2266, 88.5279

■ 165.3020,  
-14.4459, 60.2481

■ 116.2320,  
-24.7644, 103.2825

■ 182.1260,  
-10.9081, 45.4935

■ 100.1090,  
-28.1547, 117.4224

■ 198.2490, -7.5178,  
31.3536

■ 83.2850, -31.6925,  
132.1771

■ 215.0730, -3.9800,  
16.5990

■ 69.9660, -34.4932,  
143.8578

■ 231.1960, -0.5896,  
2.4591

■ 247.3190, 2.8007,  
-11.6808

■ 248.7210, 3.0955,  
-12.9103

# Harmonies

## Analogous

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



151.4660, 3.7143, 68.8743



149.1790, -17.8362, 74.3880



148.2700, -36.1221, 59.3992

# Triad

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



149.1790, -17.8362, 74.3880



132.8820, -18.1828, -48.1315



119.6330, 59.8339, -104.9181

# Complementary

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



149.1790, -17.8362, 74.3880



197.8210, 17.8362, -74.3880

# 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.



124.2660, 49.6619, -108.9813



149.1790, -17.8362, 74.3880



117.0380, 11.8133, -102.6423

# Square

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



149.1790, -17.8362, 74.3880



141.3640, -39.1265, -3.8272



122.3960, 32.3428, -107.3413



151.4880, 40.1854, -9.1980



# Rectangle

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



149.1790, -17.8362, 74.3880



146.7980, -43.7774, 41.3962



122.3960, 32.3428, -107.3413



121.7530, 57.8028, -106.7774

# Sweetspot

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



149.1790, -17.8362, 74.3880



226.2590, -6.0437, 25.2059



162.9730, 35.0163, 62.2907



110.4750, -3.6852, 15.3694



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.



149.1790, -17.8362, 74.3880



144.2420, -23.2903, 97.1348



184.9860, -35.4891, 42.9853



109.2890, -1.6215, 6.7625



54.1190, -26.6807, 111.2746



16.1460, -7.9600, 33.1980



# Inverse Universe

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



197.8210, 17.8362, -74.3880



207.7580, 23.2903, -97.1348



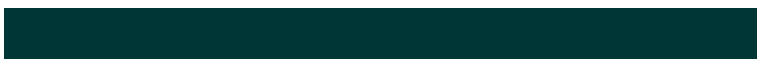
162.6010, 35.1997, -43.5001



113.7110, 1.6215, -6.7625



126.8810, 26.6807, -111.2746



37.8540, 7.9600, -33.1980



# Previews

## White Background



This preview shows how the YUV color 149.1790, -17.8362, 74.3880 looks on a white 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



# Black Background



This preview shows how the YUV color 149.1790, -17.8362, 74.3880 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 ✓ Pass

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

# YUV 149.1790, -17.8362, 74.3880

## Background



This preview shows how black text looks on a background with the YUV color 149.1790, -17.8362, 74.3880.



This preview shows how white text looks on a background with the YUV color 149.1790, -17.8362, 74.3880.



# 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

149.1790, -17.8362, 74.3880

### Protanopia

150.1120, -9.9152, 6.9178

### Deuteranopia

150.3610, -20.8840, 25.1164



## Tritanopia

149.3900, -14.4893, 74.2030

# Trichromacy



## Original Color

149.1790, -17.8362, 74.3880

## Protanomaly

150.1690, -12.9013, 31.4238

## Deuteranomaly

150.1120, -19.7752, 42.8748

## Tritanomaly

149.0480, -15.7997, 74.5029

# Monochromacy



## Original Color

149.1790, -17.8362, 74.3880

## Achromatopsia

149.0000, 0.0000, 0.0000

## Achromatomaly

149.1560, -6.4859, 27.0502

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 149.1790, -17.8362, 74.3880 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(234, 113, 113)` looks like.

```
.text, #text, p{  
    color:rgb(234, 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(234, 113, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 113, 113) }
```

## Border

The CSS property to change the border of an element to YUV 149.1790, -17.8362, 74.3880 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(234, 113, 113) }
```



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

```
.border{ border-color:rgb(234, 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(234, 113, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 113, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 113, 113);  
box-shadow:4px 4px 4px 4px rgb(234, 113,  
113) }
```

# Background

The CSS property to change the background color of an element to YUV 149.1790, -17.8362, 74.3880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 113, 113) }
```

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

```
.background{ background-color: rgb(234,  
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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