

# Converting Colors

YUV(146.2090, -9.9630,  
69.0997)

Have a look what the booklet for  
YUV(146.2090, -9.9630, 69.0997)  
contains.

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# Color

**YUV(146.2090, -9.9630,  
69.0997)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E16E7E
RGB	225, 110, 126
RGB Percent	88%, 43%, 49%
CMY	0.1176, 0.5686, 0.5059
CMYK	0.00, 0.51, 0.44, 0.12
HSL	352°, 66%, 66%
HSV	352°, 51%, 88%
XYZ	40.3932, 28.6658, 23.1428
YIQ	146.2090, 63.4040, 29.3560

# Conversions

## Conversions Part 2

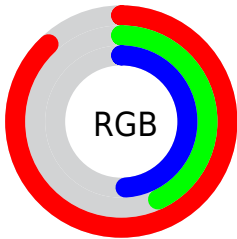
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">225, 110, 126</a>
Decimal	<a href="#">14773886</a>
CIELab	<a href="#">60.49, 46.24, 12.51</a>
CIELCh	<a href="#">60, 47.903, 15.144</a>
Yxy	<a href="#">28.6658, 0.4381, 0.3109</a>
Android (android.graphics.Color)	<a href="#">4292963966</a> ( <a href="#">0xFFE16E7E</a> )
YUV	<a href="#">146.2090, -9.9630, 69.0997</a>
Hunter-Lab	<a href="#">53.5404, 40.9722, 11.8503</a>

# Details

The YUV color **146.2090, -9.9630, 69.0997** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **188.7910, 9.9630, -69.0997**, and the grayscale version is **146.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **192.9190, -6.8621, 54.4450**, and **91.8710, -7.3314, 65.0111** is the 20% darker color. If you saturate the color by 10%, you get **131.1290, -11.8956, 82.3249**, and if you desaturate by 10%, it is **161.8760, -8.3199, 55.3597**.

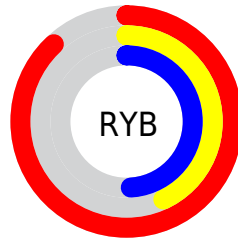
# Distribution



Red (88%)

Green (43%)

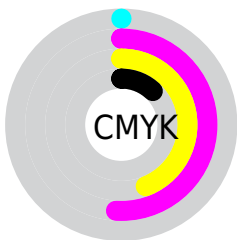
Blue (49%)



Red (88%)

Yellow (43%)

Blue (49%)

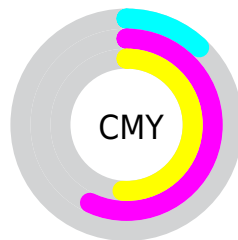


Cyan (0%)

Magenta (51%)

Yellow (44%)

Black (12%)



Cyan (12%)

Magenta (57%)

Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 146.2090, -9.9630, 69.0997 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 146.2090, -9.9630, 69.0997 by changing the saturation by 10% instead.





 146.2090, -9.9630,  
69.0997


 146.2090, -9.9630,  
69.0997


255.0000, 0.0000,  
0.0000

 119.1270, -8.9366,  
66.5406


 192.9190, -6.8621,  
54.4450


 91.8710, -7.3314,  
65.0111


 212.4330, -3.1715,  
37.3313


 64.2560, -4.5632,  
63.7965

 232.6480, 0.6665,  
19.6027

 36.1680, -1.0688,  
62.9967

 252.0650, 1.4470,  
2.5740

 25.4730, -7.1352,  
48.6972

 16.9720, -7.3812,  
34.2276

 3.8870, -1.9163,

7.9921

■ 0.0000, 0.0000,  
0.0000

■ 146.2090, -9.9630,  
69.0997

■ 146.2090, -9.9630,  
69.0997

■ 131.1290,  
-11.8956, 82.3249

■ 161.8760, -8.3199,  
55.3597

■ 115.3480,  
-13.9756, 96.1648

■ 177.0700, -5.9505,  
42.0346

■ 100.2680,  
-15.9081, 109.3900

■ 192.7370, -4.3073,  
28.2947

■ 84.6010, -17.5513,  
123.1299

■ 207.8170, -2.3748,  
15.0695

■ 70.8090, -19.6258,  
135.2255

■ 223.5980, -0.2948,  
1.2296

■ 238.6780, 1.6377,  
-11.9956

■ 246.0300, 4.4222,  
-18.4433

# Harmonies

## Analogous

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



148.6970, 10.0094, 56.3937



146.2090, -9.9630, 69.0997



144.7570, -27.9812, 61.6031

# Triad

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



146.2090, -9.9630, 69.0997



133.9940, -24.6470, -28.0587



117.4500, 54.0082, -103.0036

# Complementary

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



146.2090, -9.9630, 69.0997



188.7910, 9.9630, -69.0997

# 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.



119.6380, 42.0835, -104.9225



146.2090, -9.9630, 69.0997



115.3510, 3.7710, -89.7618

# Square

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



146.2090, -9.9630, 69.0997



139.7400, -39.3118, 8.9980



117.0670, 24.6170, -102.6678



143.3070, 41.2606, -27.4562



# Rectangle

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



146.2090, -9.9630, 69.0997



143.9650, -36.9577, 47.3887



117.0670, 24.6170, -102.6678



119.2280, 50.6666, -104.5630

# Sweetspot

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



146.2090, -9.9630, 69.0997



228.9320, -3.4175, 22.8616



152.4120, 35.7859, 48.7507



112.2190, -2.0800, 13.8399



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.



146.2090, -9.9630, 69.0997



148.1520, -13.3859, 93.7057



167.8650, -28.5274, 50.1074



104.5170, -0.7479, 6.5626



55.3600, -15.4605, 105.8013



15.1500, -4.0179, 28.8095



# Inverse Universe

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



146.2090, -9.9630, 69.0997



148.1520, -13.3859, 93.7057



167.1350, 28.5274, -50.1074



104.5170, -0.7479, 6.5626



55.3600, -15.4605, 105.8013



15.1500, -4.0179, 28.8095



# Previews

## White Background



This preview shows how the YUV color 146.2090, -9.9630, 69.0997 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

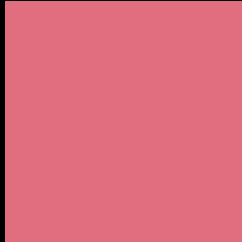
Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail



# Black Background



This preview shows how the YUV color 146.2090, -9.9630, 69.0997 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 146.2090, -9.9630, 69.0997

## Background



This preview shows how black text looks on a background with the YUV color 146.2090, -9.9630, 69.0997.



This preview shows how white text looks on a background with the YUV color 146.2090, -9.9630,



# 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

146.2090, -9.9630, 69.0997

### Protanopia

146.7830, -0.8790, 1.9443

### Deuteranopia

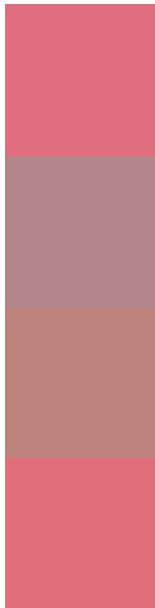
147.0920, -12.8634, 19.2133



## Tritanopia

145.6990, -13.1626, 68.6700

# Trichromacy



## Original Color

146.2090, -9.9630, 69.0997

## Protanomaly

146.7260, -4.3019, 26.5503

## Deuteranomaly

146.8430, -11.7546, 36.9717

## Tritanomaly

146.0410, -11.8522, 68.3700

# Monochromacy



## Original Color

146.2090, -9.9630, 69.0997

## Achromatopsia

146.0000, 0.0000, 0.0000

## Achromatomaly

146.2420, -3.5703, 25.2208

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 146.2090, -9.9630, 69.0997 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(225, 110, 126)` looks like.

```
.text, #text, p{  
    color:rgb(225, 110, 126)  
}
```

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(225, 110, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 110, 126) }
```

## Border

The CSS property to change the border of an element to YUV 146.2090, -9.9630, 69.0997 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(225, 110, 126) }
```



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

```
.border{ border-color:rgb(225, 110, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 110, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(225, 110, 126); -webkit-box-shadow:4px 4px 4px 4px rgb(225, 110, 126); box-shadow:4px 4px 4px 4px rgb(225, 110, 126) }
```

# Background

The CSS property to change the background color of an element to YUV 146.2090, -9.9630, 69.0997 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 110, 126) }
```

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

```
.background{ background-color: rgb(225,  
110, 126) }
```

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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