

# Converting Colors

YUV(171.2720, -5.5571,  
55.8895)

Have a look what the booklet for  
YUV(171.2720, -5.5571, 55.8895)  
contains.

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# Color

**YUV(171.2720, -5.5571,  
55.8895)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EB8DA0
RGB	235, 141, 160
RGB Percent	92%, 55%, 63%
CMY	0.0784, 0.4471, 0.3725
CMYK	0.00, 0.40, 0.32, 0.08
HSL	348°, 70%, 74%
HSV	348°, 40%, 92%
XYZ	50.1310, 39.2500, 38.1915
YIQ	171.2720, 49.9250, 25.8370

# Conversions

## Conversions Part 2

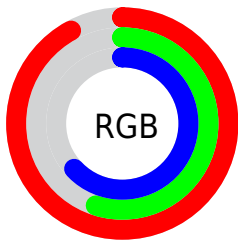
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	235, 141, 160
Decimal	15437216
CIE Lab	68.93, 37.89, 5.39
CIE LCh	69, 38.274, 8.091
Yxy	39.2500, 0.3930, 0.3077
Android (android.graphics.Color)	4293627296 (0xFFEB8DA0)
YUV	171.2720, -5.5571, 55.8895
Hunter-Lab	62.6498, 33.1946, 7.7115

# Details

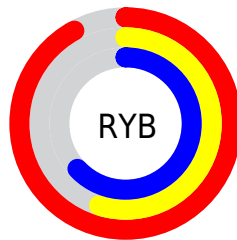
The YUV color **171.2720, -5.5571, 55.8895** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **204.7280, 5.5571, -55.8895**, and the grayscale version is **171.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **215.8070, -0.3979, 34.3723**, and **117.5920, -4.2359, 52.1008** is the 20% darker color. If you saturate the color by 10%, you get **155.6050, -7.2003, 69.6294**, and if you desaturate by 10%, it is **187.5260, -4.2033, 41.6347**.

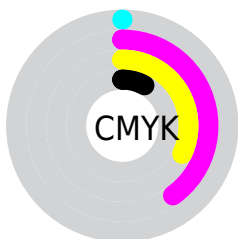
# Distribution



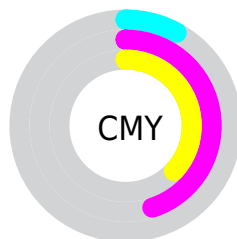
- Red (92%)
- Green (55%)
- Blue (63%)



- Red (92%)
- Yellow (55%)
- Blue (63%)



- Cyan (0%)
- Magenta (40%)
- Yellow (32%)
- Black (8%)



- Cyan (8%)
- Magenta (45%)
- Yellow (37%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 171.2720, -5.5571, 55.8895 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 171.2720, -5.5571, 55.8895 by changing the saturation by 10% instead.



 171.2720, -5.5571,  
55.8895

 171.2720, -5.5571,  
55.8895


255.0000, 0.0000,  
0.0000

 144.3750, -5.1149,  
54.0451


 215.8070, -0.3979,  
34.3723


 117.5920, -4.2359,  
52.1008


 235.4350, 3.7295,  
17.1585

 91.6950, -3.7936,  
50.2565

 253.8260, 0.5788,  
1.0296

 65.4390, -2.1884,  
48.7270

 37.9490, 1.0111,  
49.1567

 22.1990, -1.5771,  
39.2905

 13.5690, -6.1965,

27.5650

■ 0.0000, 0.0000,  
0.0000

■ 171.2720, -5.5571,  
55.8895

■ 171.2720, -5.5571,  
55.8895

■ 155.6050, -7.2003,  
69.6294

■ 187.5260, -4.2033,  
41.6347

■ 139.3510, -8.5540,  
83.8842

■ 203.1930, -2.5601,  
27.8947

■ 123.7980, -9.7604,  
97.5242

■ 219.3330, -1.6432,  
13.7400

■ 107.5440,  
-11.1142, 111.7789

■ 235.0000, 0.0000,  
0.0000

■ 91.2900, -12.4680,  
126.0337

■ 248.9060, 2.5113,  
-12.1956

■ 75.6230, -14.1111,  
139.7736

■ 249.0200, 2.9481,  
-12.2955

# Harmonies

## Analogous

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



172.8260, 10.9318, 40.4946



171.2720, -5.5571, 55.8895



169.5480, -20.9762, 54.7704

# Triad

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



171.2720, -5.5571, 55.8895



160.8970, -24.1062, -14.8187



152.4510, 39.2177, -72.3095

# Complementary

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



171.2720, -5.5571, 55.8895



204.7280, 5.5571, -55.8895

# 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.



132.5350, 38.1902, -116.2332



171.2720, -5.5571, 55.8895



154.8680, -6.8369, -47.2422

# Square

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



171.2720, -5.5571, 55.8895



164.9070, -32.4922, 14.9906



144.5980, 15.9742, -83.8394



165.2870, 34.8615, -28.3157



# Rectangle

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



171.2720, -5.5571, 55.8895



168.1310, -28.6586, 45.4891



144.5980, 15.9742, -83.8394



145.7650, 39.5559, -87.4939

# Sweetspot

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



171.2720, -5.5571, 55.8895



234.0670, -1.5120, 18.3582



173.8420, 30.1509, 36.0956



115.7240, -1.3429, 10.7661



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.



171.2720, -5.5571, 55.8895



172.2140, -7.5005, 72.6033



184.9550, -21.6698, 43.8895



109.5170, -0.7479, 6.5626



58.3370, -10.5191, 107.5755



17.4000, -3.1552, 32.0982



# Inverse Universe

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



171.2720, -5.5571, 55.8895



172.2140, -7.5005, 72.6033



191.0450, 21.6698, -43.8895



109.5170, -0.7479, 6.5626



58.3370, -10.5191, 107.5755



17.4000, -3.1552, 32.0982



# Previews

## White Background



This preview shows how the YUV color 171.2720, -5.5571, 55.8895 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

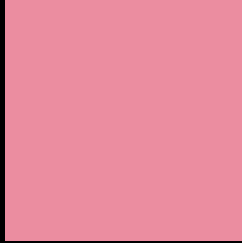
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 171.2720, -5.5571, 55.8895 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

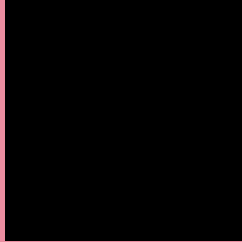
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 171.2720, -5.5571, 55.8895

## Background



This preview shows how black text looks on a background with the YUV color 171.2720, -5.5571, 55.8895.



This preview shows how white text looks on a background with the YUV color 171.2720, -5.5571,



# 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

171.2720, -5.5571, 55.8895

### Protanopia

169.3960, 2.7628, 0.5297

### Deuteranopia

170.2750, -7.0376, 17.2988



## Tritanopia

170.7620, -8.7567, 55.4597

# Trichromacy



## Original Color

171.2720, -5.5571, 55.8895

## Protanomaly

170.1320, -0.0651, 20.9322

## Deuteranomaly

170.4770, -6.6442, 31.1537

## Tritanomaly

171.1040, -7.4463, 55.1598

# Monochromacy



## Original Color

171.2720, -5.5571, 55.8895

## Achromatopsia

171.0000, 0.0000, 0.0000

## Achromatomaly

170.9640, -1.9543, 20.2026

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 171.2720, -5.5571, 55.8895 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(235, 141, 160)` looks like.

```
.text, #text, p{  
    color:rgb(235, 141, 160)  
}
```

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(235, 141, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 141, 160) }
```

## Border

The CSS property to change the border of an element to YUV 171.2720, -5.5571, 55.8895 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(235, 141, 160) }
```



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

```
.border{ border-color:rgb(235, 141, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 141, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 141, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 141, 160);  
box-shadow:4px 4px 4px 4px rgb(235, 141,  
160) }
```

# Background

The CSS property to change the background color of an element to YUV 171.2720, -5.5571, 55.8895 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 141, 160) }
```

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

```
.background{ background-color: rgb(235,  
141, 160) }
```

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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