

# Converting Colors

YUV(136.7280, -3.8099,  
55.4895)

Have a look what the booklet for  
YUV(136.7280, -3.8099, 55.4895)  
contains.

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# Color

**YUV(136.7280, -3.8099,  
55.4895)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C86A81
RGB	200, 106, 129
RGB Percent	78%, 42%, 51%
CMY	0.2157, 0.5843, 0.4941
CMYK	0.00, 0.47, 0.36, 0.22
HSL	345°, 46%, 60%
HSV	345°, 47%, 78%
XYZ	32.9359, 24.1724, 23.6987
YIQ	136.7280, 48.6410, 27.0810

# Conversions

## Conversions Part 2

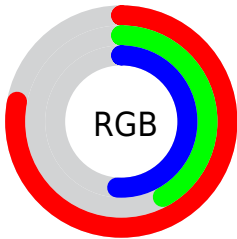
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">200, 106, 129</a>
Decimal	<a href="#">13134465</a>
<a href="#">CIELab</a>	<a href="#">56.26, 39.73, 4.28</a>
<a href="#">CIElCh</a>	<a href="#">56, 39.958, 6.150</a>
<a href="#">Yxy</a>	<a href="#">24.1724, 0.4076, 0.2991</a>
Android ( <code>android.graphics.Color</code> )	<a href="#">4291324545</a> ( <code>0xFFC86A81</code> )
<a href="#">YUV</a>	<a href="#">136.7280, -3.8099, 55.4895</a>
<a href="#">Hunter-Lab</a>	<a href="#">49.1654, 33.5375, 5.8369</a>

# Details

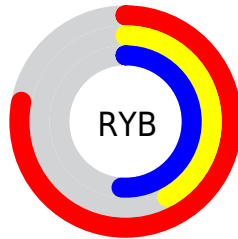
The YUV color **136.7280, -3.8099, 55.4895** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **169.2720, 3.8099, -55.4895**, and the grayscale version is **137.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **190.3260, -4.1047, 56.7191**, and **84.1620, -2.0519, 51.6009** is the 20% darker color. If you saturate the color by 10%, you get **123.2780, -4.5741, 67.2852**, and if you desaturate by 10%, it is **150.1780, -3.0458, 43.6939**.

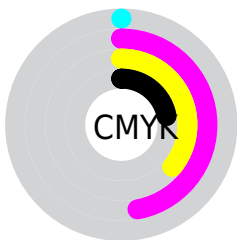
# Distribution



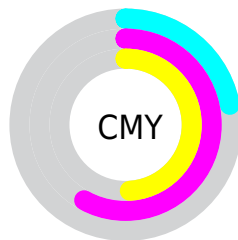
- Red (78%)
- Green (42%)
- Blue (51%)



- Red (78%)
- Yellow (42%)
- Blue (51%)



- Cyan (0%)
- Magenta (47%)
- Yellow (36%)
- Black (22%)



- Cyan (22%)
- Magenta (58%)
- Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 136.7280, -3.8099, 55.4895 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 136.7280, -3.8099, 55.4895 by changing the saturation by 10% instead.




 136.7280, -3.8099,  
55.4895

 136.7280, -3.8099,  
55.4895

255.0000, 0.0000,  
0.0000

 109.9450, -2.9309,  
53.5452


 190.3260, -4.1047,  
56.7191

 84.1620, -2.0519,  
51.6009


 209.8400, -0.4141,  
39.6053


 57.9060, -0.4467,  
50.0714

 229.5820, 4.1501,  
22.2916

 30.4160, 2.7529,  
50.5012

 248.5430, 3.1833,  
5.6628

 20.1340, -3.0241,  
36.7165

 11.1770, -5.0173,  
22.6468

 0.0000, 0.0000,

0.0000

■ 136.7280, -3.8099,  
55.4895

■ 136.7280, -3.8099,  
55.4895

■ 123.2780, -4.5741,  
67.2852

■ 150.1780, -3.0458,  
43.6939

■ 109.8280, -5.3382,  
79.0808

■ 163.6280, -2.2816,  
31.8982

■ 96.3780, -6.1024,  
90.8765

■ 177.0780, -1.5175,  
20.1026

■ 82.9280, -6.8665,  
102.6721

■ 190.5280, -0.7533,  
8.3069

■ 69.3640, -8.0675,  
114.5678

■ 204.0920, 0.4476,  
-3.5887

■ 65.3860, -8.0783,  
118.0565

■ 217.5420, 1.2118,  
-15.3843

■ 230.9920, 1.9759,  
-27.1800

■ 237.9850, 5.9234,  
-33.3128

■ 238.5550, 8.1074,  
-33.8127

# Harmonies

## Analogous

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



138.8690, 12.3896, 39.5799



136.7280, -3.8099, 55.4895



135.0040, -19.2290, 54.3705

# Triad

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



136.7280, -3.8099, 55.4895



127.3810, -24.8378, -13.4891



108.2740, 44.2349, -94.9563

# Complementary

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



136.7280, -3.8099, 55.4895



169.2720, 3.8099, -55.4895

# 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.



108.5870, 32.7416, -95.2308



136.7280, -3.8099, 55.4895



120.4550, -7.1263, -47.7570

# Square

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



136.7280, -3.8099, 55.4895



131.0920, -33.0764, 15.7053



105.8850, 17.3117, -92.8611



129.9980, 36.4830, -35.0782



# Rectangle

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



136.7280, -3.8099, 55.4895



134.3590, -27.7850, 45.2892



105.8850, 17.3117, -92.8611



108.7640, 41.0353, -95.3860

# Sweetspot

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



136.7280, -3.8099, 55.4895



230.7900, -1.3755, 21.2322



137.9450, 30.5931, 34.2512



113.1480, -1.0590, 13.0252



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.



136.7280, -3.8099, 55.4895



158.7470, -5.7913, 84.4139



148.1940, -20.8016, 45.4339



92.9190, -0.4531, 5.3330



53.2970, -6.5554, 96.2095



11.7900, -1.3755, 21.2322



# Inverse Universe

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



136.7280, -3.8099, 55.4895



158.7470, -5.7913, 84.4139



158.3930, 20.5123, -45.9487



92.9190, -0.4531, 5.3330



53.2970, -6.5554, 96.2095

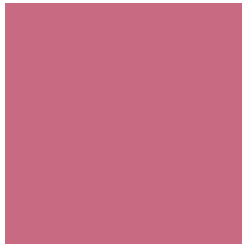


11.7900, -1.3755, 21.2322



# Previews

## White Background



This preview shows how the YUV color 136.7280, -3.8099, 55.4895 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

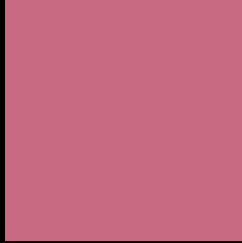
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 136.7280, -3.8099, 55.4895 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

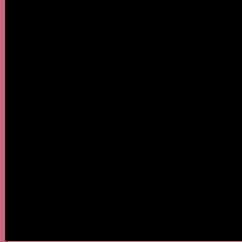
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 136.7280, -3.8099, 55.4895

## Background



This preview shows how black text looks on a background with the YUV color 136.7280, -3.8099, 55.4895.



This preview shows how white text looks on a background with the YUV color 136.7280, -3.8099,



# 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

136.7280, -3.8099, 55.4895

### Protanopia

136.1400, 4.3680, -0.9998

### Deuteranopia

136.5950, -5.7163, 13.5102



## Tritanopia

136.1210, -9.9197, 55.1449

# Trichromacy



## Original Color

136.7280, -3.8099, 55.4895

## Protanomaly

136.1750, 1.3927, 20.0175

## Deuteranomaly

136.5090, -5.1809, 28.4946

## Tritanomaly

136.1040, -7.4463, 55.1598

# Monochromacy



## Original Color

136.7280, -3.8099, 55.4895

## Achromatopsia

137.0000, 0.0000, 0.0000

## Achromatomaly

137.0780, -1.5175, 20.1026

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 136.7280, -3.8099, 55.4895 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(200, 106, 129)` looks like.

```
.text, #text, p{  
    color:rgb(200, 106, 129)  
}
```

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(200, 106, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 106, 129) }
```

## Border

The CSS property to change the border of an element to YUV 136.7280, -3.8099, 55.4895 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(200, 106, 129) }
```



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

```
.border{ border-color:rgb(200, 106, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 106, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 106, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 106, 129);  
box-shadow:4px 4px 4px 4px rgb(200, 106,  
129) }
```

# Background

The CSS property to change the background color of an element to YUV 136.7280, -3.8099, 55.4895 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 106, 129) }
```

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

```
.background{ background-color: rgb(200,  
106, 129) }
```

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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