

Converting Colors

YUV(135.8420, -3.3731,
55.3896)

Have a look what the booklet for
YUV(135.8420, -3.3731, 55.3896)
contains.

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Color

**YUV(135.8420, -3.3731,
55.3896)**

Conversions

Conversions Part 1

Format	Color
Hex	C76981
RGB	199, 105, 129
RGB Percent	78%, 41%, 51%
CMY	0.2196, 0.5882, 0.4941
CMYK	0.00, 0.47, 0.35, 0.22
HSL	345°, 46%, 60%
HSV	345°, 47%, 78%
XYZ	32.5672, 23.8302, 23.6521
YIQ	135.8420, 48.3200, 27.3920

Conversions

Conversions Part 2

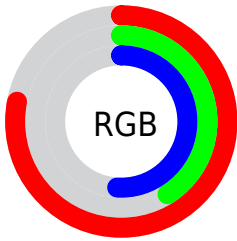
Format	Color
R_{YB}	199, 105, 129
Decimal	13068673
CIE _{Lab}	55.92, 39.89, 3.77
CIE _{LCh}	56, 40.067, 5.398
Yxy	23.8302, 0.4068, 0.2977
Android (android.graphics.Color)	4291258753 (0xFFC76981)
YUV	135.8420, -3.3731, 55.3896
Hunter-Lab	48.8162, 33.6559, 5.4446

Details

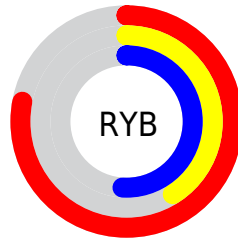
The YUV color **135.8420, -3.3731, 55.3896** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **168.1580, 3.3731, -55.3896**, and the grayscale version is **136.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **189.7390, -3.8153, 57.2339**, and **83.2760, -1.6151, 51.5009** is the 20% darker color. If you saturate the color by 10%, you get **122.3920, -4.1373, 67.1852**, and if you desaturate by 10%, it is **149.2920, -2.6090, 43.5939**.

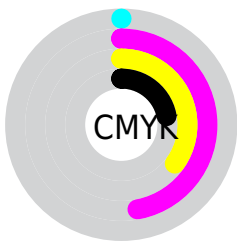
Distribution



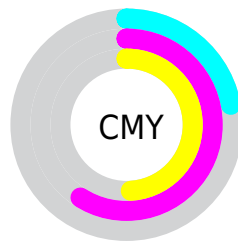
- Red (78%)
- Green (41%)
- Blue (51%)



- Red (78%)
- Yellow (41%)
- Blue (51%)



- Cyan (0%)
- Magenta (47%)
- Yellow (35%)
- Black (22%)





- Cyan (22%)
- Magenta (59%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YUV color 135.8420, -3.3731, 55.3896 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 135.8420, -3.3731, 55.3896 by changing the saturation by 10% instead.


 135.8420, -3.3731,
55.3896

 135.8420, -3.3731,
55.3896

255.0000, 0.0000,
0.0000


 109.0590, -2.4941,
53.4453


 189.7390, -3.8153,
57.2339


 83.2760, -1.6151,
51.5009


 209.2530, -0.1247,
40.1201


 56.7320, 0.1321,
51.1010

 228.9950, 4.4395,
22.8064

 30.4160, 2.7529,
50.5012

 247.9560, 3.4727,
6.1776

 20.1340, -3.0241,
36.7165

 10.8780, -4.8699,
22.0320

 0.0000, 0.0000,

0.0000

■ 135.8420, -3.3731,
55.3896

■ 135.8420, -3.3731,
55.3896

■ 122.3920, -4.1373,
67.1852

■ 149.2920, -2.6090,
43.5939

■ 108.9420, -4.9014,
78.9809

■ 162.7420, -1.8448,
31.7983

■ 95.6060, -5.2288,
90.6765

■ 176.0780, -1.5175,
20.1026

■ 82.1560, -5.9929,
102.4722

■ 189.5280, -0.7533,
8.3069

■ 68.7060, -6.7571,
114.2678

■ 202.9780, 0.0108,
-3.4887

■ 65.3150, -7.0573,
117.2417

■ 215.8410, 1.0644,
-14.7696

■ 229.2910, 1.8285,
-26.5652

■ 237.4580, 5.1972,
-33.7277

■ 238.2560, 8.2548,
-34.4275

Harmonies

Analogous

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



137.6840, 12.9738, 38.8651



135.8420, -3.3731, 55.3896



134.4170, -18.9396, 54.8853

Triad

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



135.8420, -3.3731, 55.3896



126.5660, -25.4220, -12.7744



107.5730, 44.0875, -94.3415

Complementary

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



135.8420, -3.3731, 55.3896



168.1580, 3.3731, -55.3896

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.



108.3590, 31.8680, -95.0308



135.8420, -3.3731, 55.3896



119.6400, -7.7105, -47.0423

Square

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



135.8420, -3.3731, 55.3896



130.3910, -33.2238, 16.3201



105.0700, 16.7275, -92.1464



128.9870, 36.4884, -36.8226

Rectangle

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



135.8420, -3.3731, 55.3896



133.7720, -27.4956, 45.8040



105.0700, 16.7275, -92.1464



108.5360, 40.1618, -95.1861

Sweetspot

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



135.8420, -3.3731, 55.3896



230.7900, -1.3755, 21.2322



136.3470, 30.8879, 33.0217



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.



135.8420, -3.3731, 55.3896



157.5730, -5.2125, 85.4435



146.0200, -20.2229, 46.4635



92.9190, -0.4531, 5.3330



53.5250, -5.6818, 96.0096



11.7900, -1.3755, 21.2322

Inverse Universe

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



135.8420, -3.3731, 55.3896



157.5730, -5.2125, 85.4435



157.9800, 20.2229, -46.4635



92.9190, -0.4531, 5.3330



53.5250, -5.6818, 96.0096



11.7900, -1.3755, 21.2322

Previews

White Background



This preview shows how the YUV color 135.8420, -3.3731, 55.3896 looks on a white background.

Color Contrast Check

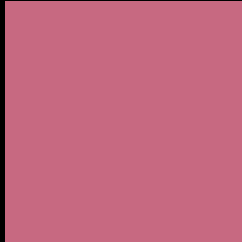
Large Text (above 18pt) WCAG AA ✓ Pass

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 135.8420, -3.3731, 55.3896 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

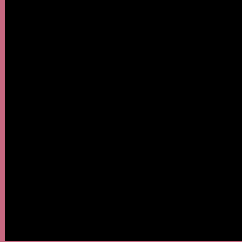
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 135.8420, -3.3731, 55.3896

Background



This preview shows how black text looks on a background with the YUV color 135.8420, -3.3731, 55.3896.



This preview shows how white text looks on a background with the YUV color 135.8420, -3.3731,

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

135.8420, -3.3731, 55.3896

Protanopia

135.3680, 5.2416, -1.1997

Deuteranopia

135.7090, -5.2795, 13.4102



Tritanopia

135.1210, -9.9197, 55.1449

Trichromacy



Original Color

135.8420, -3.3731, 55.3896

Protanomaly

135.4030, 2.2663, 19.8176

Deuteranomaly

135.6230, -4.7441, 28.3946

Tritanomaly

135.1040, -7.4463, 55.1598

Monochromacy



Original Color

135.8420, -3.3731, 55.3896

Achromatopsia

136.0000, 0.0000, 0.0000

Achromatomaly

136.0780, -1.5175, 20.1026

CSS Examples

Text

The CSS property to change the color of the text to YUV 135.8420, -3.3731, 55.3896 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(199, 105, 129)` looks like.

```
.text, #text, p{  
    color:rgb(199, 105, 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(199, 105, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 105, 129) }
```

Border

The CSS property to change the border of an element to YUV 135.8420, -3.3731, 55.3896 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(199, 105, 129) }
```


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

```
.border{ border-color:rgb(199, 105, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 105, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 105, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 105, 129);  
box-shadow:4px 4px 4px 4px rgb(199, 105,  
129) }
```

Background

The CSS property to change the background color of an element to YUV 135.8420, -3.3731, 55.3896 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 105, 129) }
```

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

```
.background{ background-color: rgb(199,  
105, 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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