

Converting Colors

YUV(170.7370, 15.9057,
31.8027)

Have a look what the booklet for
YUV(170.7370, 15.9057, 31.8027)
contains.

YUV(170.7370, 15.9057, 31.8027)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(170.7370, 15.9057,
31.8027)**

Conversions

Conversions Part 1

Format	Color
Hex	CF92CB
RGB	207, 146, 203
RGB Percent	81%, 57%, 80%
CMY	0.1882, 0.4275, 0.2039
CMYK	0.00, 0.29, 0.02, 0.19
HSL	304°, 39%, 69%
HSV	304°, 29%, 81%
XYZ	46.7905, 38.1350, 61.3946
YIQ	170.7370, 18.0590, 30.6590

Conversions

Conversions Part 2

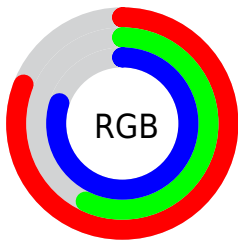
Format	Color
R _Y B	207, 146, 203
Decimal	13603531
CIE Lab	68.12, 32.21, -20.19
CIE LCh	68, 38.020, 327.916
Yxy	38.1350, 0.3198, 0.2606
Android (android.graphics.Color)	4291793611 (0xFFCF92CB)
YUV	170.7370, 15.9057, 31.8027
Hunter-Lab	61.7535, 27.1804, -15.7179

Details

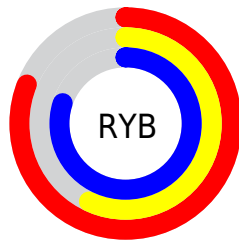
The YUV color **170.7370, 15.9057, 31.8027** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **182.2630, -15.9057, -31.8027**, and the grayscale version is **171.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **223.3020, 15.6271, 27.7991**, and **117.6120, 15.4743, 30.1583** is the 20% darker color. If you saturate the color by 10%, you get **158.2960, 21.5461, 42.7134**, and if you desaturate by 10%, it is **183.1780, 10.2652, 20.8919**.

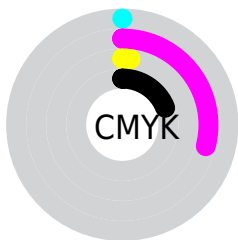
Distribution



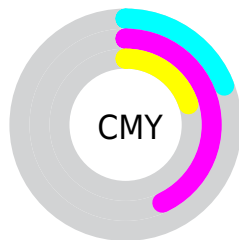
- Red (81%)
- Green (57%)
- Blue (80%)



- Red (81%)
- Yellow (57%)
- Blue (80%)



- Cyan (0%)
- Magenta (29%)
- Yellow (2%)
- Black (19%)





- Cyan (19%)
- Magenta (43%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the YUV color 170.7370, 15.9057, 31.8027 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 170.7370, 15.9057, 31.8027 by changing the saturation by 10% instead.


 170.7370, 15.9057,
31.8027

 170.7370, 15.9057,
31.8027


255.0000, 0.0000,
0.0000


 144.0250, 15.7637,
30.6731


 223.3020, 15.6271,
27.7991


 117.6120, 15.4743,
30.1583

 239.7380, 7.5242,
13.3848

 92.4870, 15.0429,
28.5139

 67.7750, 14.9009,
27.3843

 43.4760, 15.0483,
26.7695

 20.7640, 14.9063,
25.6400

 12.3900, 8.6817,

15.4440

■ 0.0000, 0.0000,
0.0000

■ 170.7370, 15.9057,
31.8027

■ 170.7370, 15.9057,
31.8027

■ 158.2960, 21.5461,
42.7134

■ 183.1780, 10.2652,
20.8919

■ 146.3280, 26.4603,
53.2093

■ 195.1460, 5.3510,
10.3960

■ 133.8870, 32.1007,
64.1201

■ 207.5870, -0.2894,
-0.5148

■ 121.4460, 37.7411,
75.0309

■ 220.0280, -5.9298,
-11.4256

■ 108.8910, 42.9447,
86.0416

■ 232.5830,
-11.1334, -22.4363

■ 97.0370, 48.2958,
96.4376

■ 235.6320,
-12.1436, -25.1103

■ 84.4820, 53.4994,
107.4483

■ 235.8600,
-11.2700, -25.3102

■ 83.8950, 53.7888,
107.9631

■ 235.9740,
-10.8332, -25.4102

■ 236.0880,
-10.3964, -25.5102

Harmonies

Analogous

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



168.2580, 28.9598, -1.9803



170.7370, 15.9057, 31.8027



169.4440, 0.2741, 52.2306

Triad

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



170.7370, 15.9057, 31.8027



163.8480, -32.9561, 23.8123



130.4660, 32.8013, -114.4187

Complementary

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



170.7370, 15.9057, 31.8027



182.2630, -15.9057, -31.8027

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.



146.5090, 7.6371, -69.7294



170.7370, 15.9057, 31.8027



160.3390, -27.7751, -4.6823

Square

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



170.7370, 15.9057, 31.8027



166.2450, -28.2218, 45.3891



155.2240, -13.4214, -35.2764



143.6510, 39.1191, -87.3939

Rectangle

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



170.7370, 15.9057, 31.8027



168.6050, -10.6513, 56.4744



155.2240, -13.4214, -35.2764



136.6870, 24.3113, -97.9495

Sweetspot

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



170.7370, 15.9057, 31.8027



241.2710, 5.7824, 12.0403



153.8510, 26.2025, -4.2543



119.0810, 3.9041, 7.8220



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.



170.7370, 15.9057, 31.8027



202.0730, 23.1350, 46.4170



167.3170, 2.8017, 34.8020



98.4290, 2.7465, 5.7628



68.1300, 43.8129, 87.5860



16.5910, 10.5546, 21.4067

Inverse Universe

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



170.7370, 15.9057, 31.8027



202.0730, 23.1350, 46.4170



185.6830, -2.8017, -34.8020



98.4290, 2.7465, 5.7628



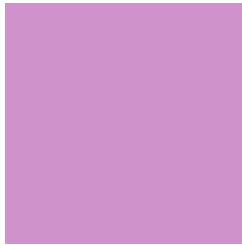
68.1300, 43.8129, 87.5860



16.5910, 10.5546, 21.4067

Previews

White Background



This preview shows how the YUV color 170.7370, 15.9057, 31.8027 looks on a white background.

Color Contrast Check

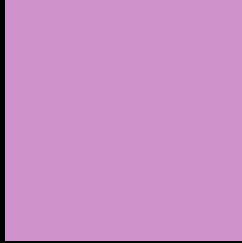
Large Text (above 18pt) WCAG AA × Fail

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 170.7370, 15.9057, 31.8027 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

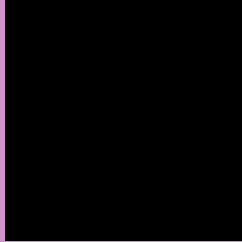
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 170.7370, 15.9057, 31.8027

Background



This preview shows how black text looks on a background with the YUV color 170.7370, 15.9057, 31.8027.



This preview shows how white text looks on a background with the YUV color 170.7370, 15.9057, 31.8027.

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

170.7370, 15.9057, 31.8027

Protanopia

166.6390, 24.3350, -11.9614

Deuteranopia

168.1150, 15.7193, -1.8549



Tritanopia

169.0190, -1.9814, 28.9243

Trichromacy



Original Color

170.7370, 15.9057, 31.8027



Protanomaly

167.9400, 21.2286, 4.4376



Deuteranomaly

169.1920, 15.6813, 10.3556



Tritanomaly

169.4520, 4.7072, 30.2986

Monochromacy



Original Color

170.7370, 15.9057, 31.8027



Achromatopsia

171.0000, 0.0000, 0.0000



Achromatomaly

170.9720, 5.9298, 11.4256

CSS Examples

Text

The CSS property to change the color of the text to YUV 170.7370, 15.9057, 31.8027 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(207, 146, 203)` looks like.

```
.text, #text, p{  
    color:rgb(207, 146, 203)  
}
```

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(207, 146, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 146, 203) }
```

Border

The CSS property to change the border of an element to YUV 170.7370, 15.9057, 31.8027 is called "border". The border property can be set on classes, ids or directly on the HTML element.

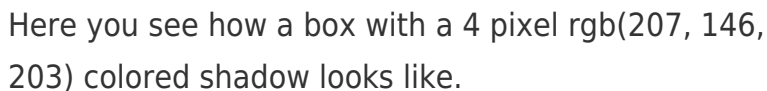
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(207, 146, 203) }
```


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

```
.border{ border-color:rgb(207, 146, 203) }
```

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



Here you see how a box with a 4 pixel `rgb(207, 146, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(207, 146, 203); -webkit-box-shadow:4px 4px 4px 4px rgb(207, 146, 203); box-shadow:4px 4px 4px 4px rgb(207, 146, 203) }
```

Background

The CSS property to change the background color of an element to YUV 170.7370, 15.9057, 31.8027 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 146, 203) }
```

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

```
.background{ background-color: rgb(207,  
146, 203) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor