

# Converting Colors

YUV(190.0200, 9.8501, 14.0145)

Have a look what the booklet for  
YUV(190.0200, 9.8501, 14.0145)  
contains.

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# Color

**YUV(190.0200, 9.8501,  
14.0145)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CEB2D2
RGB	206, 178, 210
RGB Percent	81%, 70%, 82%
CMY	0.1922, 0.3020, 0.1765
CMYK	0.02, 0.15, 0.00, 0.18
HSL	292°, 26%, 76%
HSV	292°, 15%, 82%
XYZ	53.0069, 49.6157, 67.7558
YIQ	190.0200, 6.4160, 15.8880

# Conversions

## Conversions Part 2

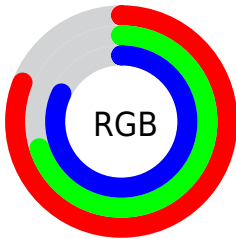
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	206, 178, 210
Decimal	13546194
CIE Lab	75.83, 15.73, -12.42
CIE LCh	76, 20.040, 321.714
Yxy	49.6157, 0.3111, 0.2912
Android (android.graphics.Color)	4291736274 (0xFFCEB2D2)
YUV	190.0200, 9.8501, 14.0145
Hunter-Lab	70.4384, 11.0588, -7.7250

# Details

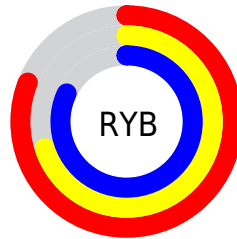
The YUV color  $190.0200, 9.8501, 14.0145$  is a light color, and the websafe version is hex  $CC99CC$ . A complement of this color would be  $197.9800, -9.8501, -14.0145$ , and the grayscale version is  $190.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $242.6730, 6.0772, 10.8108$ , and  $136.6070, 9.5607, 13.4997$  is the 20% darker color. If you saturate the color by 10%, you get  $176.7960, 16.3696, 22.9809$ , and if you desaturate by 10%, it is  $203.2440, 3.3307, 5.0480$ .

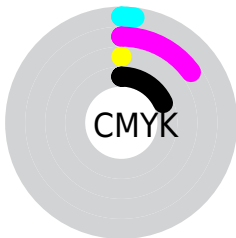
# Distribution



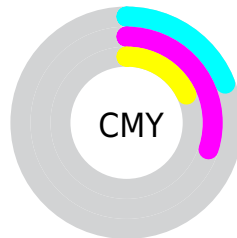
- Red (81%)
- Green (70%)
- Blue (82%)



- Red (81%)
- Yellow (70%)
- Blue (82%)



- Cyan (2%)
- Magenta (15%)
- Yellow (0%)
- Black (18%)



- Cyan (19%)
- Magenta (30%)
- Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 190.0200, 9.8501, 14.0145 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 190.0200, 9.8501, 14.0145 by changing the saturation by 10% instead.



 190.0200, 9.8501,  
14.0145


 190.0200, 9.8501,  
14.0145

255.0000, 0.0000,  
0.0000


 162.6070, 9.5607,  
13.4997


 242.6730, 6.0772,  
10.8108

 136.6070, 9.5607,  
13.4997

 110.7810, 8.9820,  
12.4701

 86.3680, 8.6926,  
11.9553

 62.9550, 8.4032,  
11.4405

 41.1290, 7.8244,  
10.4109

 19.5420, 8.1138,

10.9257

■ 2.0690, 5.3890,  
-1.8145

■ 0.0000, 0.0000,  
0.0000

■ 190.0200, 9.8501,  
14.0145

■ 190.0200, 9.8501,  
14.0145

■ 176.7960, 16.3696,  
22.9809

■ 203.2440, 3.3307,  
5.0480

■ 163.8710, 22.7416,  
32.5621

■ 216.1690, -3.0413,  
-4.5332

■ 150.6470, 29.2610,  
41.5286

■ 229.3930, -9.5607,  
-13.4997

■ 137.4230, 35.7805,  
50.4950

■ 238.2090,  
-13.9070, -19.4773

124.4980, 42.1525,  
60.0763

239.1060,  
-14.3493, -17.6330

111.2740, 48.6719,  
69.0427

240.0030,  
-14.7915, -15.7886

98.3490, 55.0439,  
78.6239

240.6010,  
-15.0863, -14.5591

85.1250, 61.5634,  
87.5904

241.4980,  
-15.5285, -12.7147

78.9560, 64.6047,  
92.1236

242.3950,  
-15.9707, -10.8704

# Harmonies

## Analogous

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



188.2180, 16.1615, -3.6992



190.0200, 9.8501, 14.0145



190.2190, 1.3710, 26.9949

# Triad

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



190.0200, 9.8501, 14.0145



186.8160, -17.6573, 16.8244



179.4020, 10.1548, -37.1866

# Complementary

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



190.0200, 9.8501, 14.0145



197.9800, -9.8501, -14.0145

# 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.



180.2260, 0.3816, -29.1392



190.0200, 9.8501, 14.0145



184.7710, -16.1561, 1.9548

# Square

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



190.0200, 9.8501, 14.0145



188.3920, -14.4903, 27.7202



182.7950, -9.2659, -14.7292



181.1340, 16.6959, -35.1975



# Rectangle

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



190.0200, 9.8501, 14.0145



189.9330, -4.8970, 30.7538



182.7950, -9.2659, -14.7292



179.9030, 6.9498, -35.8719

# Sweetspot

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



190.0200, 9.8501, 14.0145



246.7710, 4.0569, 5.4628



183.9960, 12.8200, -5.2585



123.0050, 2.4625, 3.5036



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.



190.0200, 9.8501, 14.0145



226.2040, 14.1964, 19.9921



189.8480, 4.0189, 17.6733



97.9450, 3.4781, 4.4332



63.1050, 51.7132, 73.5759



15.4380, 12.6021, 18.0329



# Inverse Universe

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



188.0240, -2.9698, 19.2730



223.4380, -4.1599, 27.6799



198.1520, -4.0189, -17.6733



97.4030, -1.1847, 6.6626



52.6260, -15.5916, 101.1830

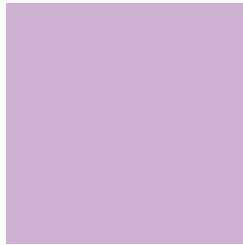


12.8290, -3.8597, 24.7060



# Previews

## White Background



This preview shows how the YUV color 190.0200, 9.8501, 14.0145 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

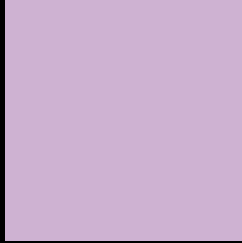
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 190.0200, 9.8501, 14.0145 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

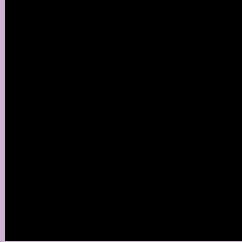
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 190.0200, 9.8501, 14.0145

## Background



This preview shows how black text looks on a background with the YUV color 190.0200, 9.8501, 14.0145.



This preview shows how white text looks on a background with the YUV color 190.0200, 9.8501,



# 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

190.0200, 9.8501, 14.0145

### Protanopia

188.1100, 13.2568, -5.3585

### Deuteranopia

188.9650, 9.8773, 5.2927



## Tritanopia

189.4730, 2.7248, 12.7402

# Trichromacy



## Original Color

190.0200, 9.8501, 14.0145

## Protanomaly

188.8120, 11.9247, 1.9189

## Deuteranomaly

189.5740, 9.5770, 8.2666

## Tritanomaly

189.7550, 5.0508, 13.3699

# Monochromacy



## Original Color

190.0200, 9.8501, 14.0145

## Achromatopsia

190.0000, 0.0000, 0.0000

## Achromatomaly

190.2440, 3.3307, 5.0480

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 190.0200, 9.8501, 14.0145 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(206, 178, 210)` looks like.

```
.text, #text, p{  
    color:rgb(206, 178, 210)  
}
```

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(206, 178, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 178, 210) }
```

## Border

The CSS property to change the border of an element to YUV 190.0200, 9.8501, 14.0145 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(206, 178, 210) }
```



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

```
.border{ border-color:rgb(206, 178, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 178, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 178, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 178, 210);  
box-shadow:4px 4px 4px 4px rgb(206, 178,  
210) }
```

# Background

The CSS property to change the background color of an element to YUV 190.0200, 9.8501, 14.0145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 178, 210) }
```

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

```
.background{ background-color: rgb(206,  
178, 210) }
```

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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