

Converting Colors

YUV(190.3860, 4.7397, 19.8325)

Have a look what the booklet for
YUV(190.3860, 4.7397, 19.8325)
contains.

YUV(190.3860, 4.7397, 19.8325)	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(190.3860, 4.7397,
19.8325)**

Conversions

Conversions Part 1

Format	Color
Hex	D5B1C8
RGB	213, 177, 200
RGB Percent	84%, 69%, 78%
CMY	0.1647, 0.3059, 0.2157
CMYK	0.00, 0.17, 0.06, 0.16
HSL	322°, 30%, 76%
HSV	322°, 17%, 84%
XYZ	53.5880, 49.7605, 61.4239
YIQ	190.3860, 14.0730, 14.7850

Conversions

Conversions Part 2

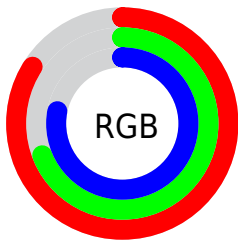
Format	Color
R_{YB}	213, 177, 200
Decimal	14004680
CIE _{Lab}	75.92, 16.84, -6.77
CIE _{LCh}	76, 18.154, 338.106
Yxy	49.7605, 0.3252, 0.3020
Android (android.graphics.Color)	4292194760 (0xFFD5B1C8)
YUV	190.3860, 4.7397, 19.8325
Hunter-Lab	70.5412, 12.1542, -2.2481

Details

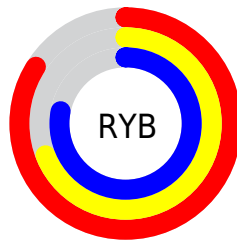
The YUV color **190.3860, 4.7397, 19.8325** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **199.6140, -4.7397, -19.8325**, and the grayscale version is **190.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **242.0860, 6.3666, 11.3256**, and **136.6740, 4.5977, 18.7029** is the 20% darker color. If you saturate the color by 10%, you get **177.1470, 7.3225, 31.4431**, and if you desaturate by 10%, it is **203.6250, 2.1569, 8.2219**.

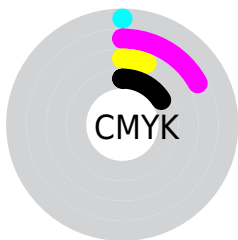
Distribution



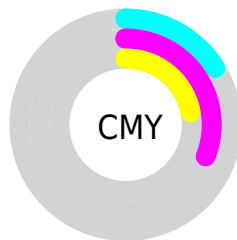
- Red (84%)
- Green (69%)
- Blue (78%)



- Red (84%)
- Yellow (69%)
- Blue (78%)



- Cyan (0%)
- Magenta (17%)
- Yellow (6%)
- Black (16%)



- Cyan (16%)
- Magenta (31%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 190.3860, 4.7397, 19.8325 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 190.3860, 4.7397, 19.8325 by changing the saturation by 10% instead.

 190.3860, 4.7397,
19.8325


 190.3860, 4.7397,
19.8325

255.0000, 0.0000,
0.0000

 163.0870, 4.8871,
19.2177

 242.0860, 6.3666,
11.3256

 136.6740, 4.5977,
18.7029

 111.2610, 4.3083,
18.1881

 86.6630, 4.6031,
16.9585

 63.2500, 4.3137,
16.4438

 40.5380, 4.1718,
15.3142

 19.3530, 4.7560,

14.5994

■ 0.0000, 0.0000,
0.0000

■ 190.3860, 4.7397,
19.8325

■ 190.3860, 4.7397,
19.8325

■ 177.1470, 7.3225,
31.4431

■ 203.6250, 2.1569,
8.2219

■ 163.4350, 10.6315,
43.4685

■ 217.3370, -1.1521,
-3.8035

■ 150.1960, 13.2144,
55.0791

■ 230.5760, -3.7350,
-15.4142

■ 136.9570, 15.7972,
66.6897

■ 239.7060, -4.2921,
-23.4212

■ 123.8320, 18.8168,
78.2003

■ 240.5040, -1.2345,
-24.1210

■ 110.0060, 21.6890,
90.3257

■ 241.4160, 2.2599,
-24.9208

■ 96.7670, 24.2719,
101.9363

■ 242.3280, 5.7543,
-25.7207

■ 83.5280, 26.8547,
113.5469

■ 242.4420, 6.1911,
-25.8206

■ 79.1910, 28.0068,
117.3505

Harmonies

Analogous

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



189.2470, 12.2032, 5.9224



190.3860, 4.7397, 19.8325



189.9650, -3.4337, 28.0947

Triad

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



190.3860, 4.7397, 19.8325



185.9290, -15.7410, 8.8323



181.4070, 12.6173, -33.6829

Complementary

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



190.3860, 4.7397, 19.8325



199.6140, -4.7397, -19.8325

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.



180.7680, 5.0444, -31.3685



190.3860, 4.7397, 19.8325



183.9810, -11.3296, -6.1223

Square

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



190.3860, 4.7397, 19.8325



187.8210, -15.1948, 20.3280



182.1300, -4.0081, -21.1620



183.6020, 16.9582, -25.9610

Rectangle

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



190.3860, 4.7397, 19.8325



189.2980, -8.5279, 28.6797



182.1300, -4.0081, -21.1620



180.8370, 10.4334, -33.1830

Sweetspot

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



190.3860, 4.7397, 19.8325



246.7990, 1.5781, 7.1923



184.9910, 13.8084, 4.3929



122.9620, 1.0047, 4.4183



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.



190.3860, 4.7397, 19.8325



223.0110, 6.8966, 28.0544



188.3340, -3.1227, 21.6321



100.0870, 1.4361, 6.0627



63.5550, 22.4044, 94.2293



16.0490, 5.8918, 23.6360

Inverse Universe

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



190.3860, 4.7397, 19.8325



223.0110, 6.8966, 28.0544



201.6660, 3.1227, -21.6321



100.0870, 1.4361, 6.0627



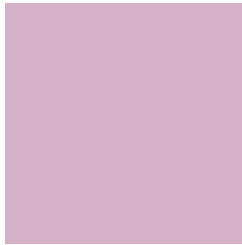
63.5550, 22.4044, 94.2293



16.0490, 5.8918, 23.6360

Previews

White Background



This preview shows how the YUV color 190.3860, 4.7397, 19.8325 looks on a white background.

Color Contrast Check

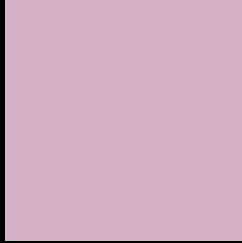
Large Text (above 18pt) WCAG AA × Fail

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 190.3860, 4.7397, 19.8325 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

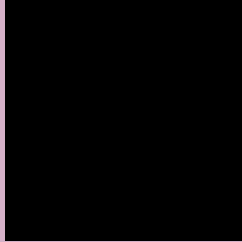
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 190.3860, 4.7397, 19.8325

Background



This preview shows how black text looks on a background with the YUV color 190.3860, 4.7397, 19.8325.



This preview shows how white text looks on a background with the YUV color 190.3860, 4.7397,

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

190.3860, 4.7397, 19.8325

Protanopia

187.9810, 8.8834, -2.6143

Deuteranopia

189.3200, 4.7722, 9.3664



Tritanopia

189.7620, 1.1033, 19.5027

Trichromacy



Original Color

190.3860, 4.7397, 19.8325

Protanomaly

188.9820, 7.4039, 5.2778

Deuteranomaly

189.6410, 4.6140, 13.4698

Tritanomaly

190.1040, 2.4137, 19.2028

Monochromacy



Original Color

190.3860, 4.7397, 19.8325

Achromatopsia

190.0000, 0.0000, 0.0000

Achromatomaly

189.9130, 2.0149, 7.0923

CSS Examples

Text

The CSS property to change the color of the text to YUV 190.3860, 4.7397, 19.8325 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(213, 177, 200)` looks like.

```
.text, #text, p{  
    color:rgb(213, 177, 200)  
}
```

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(213, 177, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 177, 200) }
```

Border

The CSS property to change the border of an element to YUV 190.3860, 4.7397, 19.8325 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(213, 177, 200) }
```


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

```
.border{ border-color:rgb(213, 177, 200) }
```

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

Here you see how a box with a 4 pixel rgb(213, 177, 200) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 177, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 177, 200);  
box-shadow:4px 4px 4px 4px rgb(213, 177,  
200) }
```

Background

The CSS property to change the background color of an element to YUV 190.3860, 4.7397, 19.8325 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 177, 200) }
```

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

```
.background{ background-color: rgb(213,  
177, 200) }
```

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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