

Converting Colors

YUV(176.7940, 2.5666, 16.8437)

Have a look what the booklet for
YUV(176.7940, 2.5666, 16.8437)
contains.

YUV(176.7940, 2.5666, 16.8437)	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(176.7940, 2.5666,
16.8437)**

Conversions

Conversions Part 1

Format	Color
Hex	C4A6B6
RGB	196, 166, 182
RGB Percent	77%, 65%, 71%
CMY	0.2314, 0.3490, 0.2863
CMYK	0.00, 0.15, 0.07, 0.23
HSL	328°, 20%, 71%
HSV	328°, 15%, 77%
XYZ	44.8447, 42.3856, 50.0736
YIQ	176.7940, 12.7440, 11.3360

Conversions

Conversions Part 2

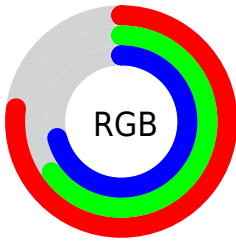
Format	Color
R _{YB}	196, 166, 182
Decimal	12887734
CIE Lab	71.14, 13.66, -4.14
CIE LCh	71, 14.277, 343.137
Yxy	42.3856, 0.3266, 0.3087
Android (android.graphics.Color)	4291077814 (0xFFC4A6B6)
YUV	176.7940, 2.5666, 16.8437
Hunter-Lab	65.1042, 9.0208, -0.0288

Details

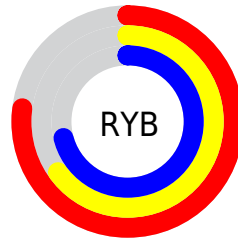
The YUV color **176.7940, 2.5666, 16.8437** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **185.2060, -2.5666, -16.8437**, and the grayscale version is **177.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **232.5060, 2.7085, 17.9732**, and **124.0820, 2.4246, 15.7141** is the 20% darker color. If you saturate the color by 10%, you get **164.0280, 4.4232, 28.0394**, and if you desaturate by 10%, it is **189.5600, 0.7099, 5.6479**.

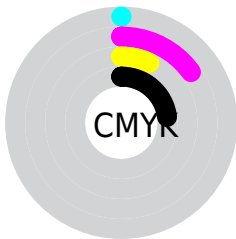
Distribution



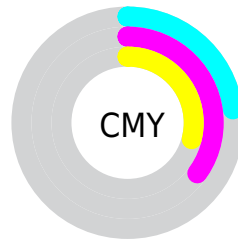
- Red (77%)
- Green (65%)
- Blue (71%)



- Red (77%)
- Yellow (65%)
- Blue (71%)



- Cyan (0%)
- Magenta (15%)
- Yellow (7%)
- Black (23%)



- Cyan (23%)
- Magenta (35%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the YUV color 176.7940, 2.5666, 16.8437 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 176.7940, 2.5666, 16.8437 by changing the saturation by 10% instead.


 176.7940, 2.5666,
16.8437


 176.7940, 2.5666,
16.8437


255.0000, 0.0000,
0.0000


 150.3810, 2.2772,
16.3289


 232.5060, 2.7085,
17.9732

 124.0820, 2.4246,
15.7141

 252.0650, 1.4470,
2.5740

 98.7830, 2.5720,
15.0993

 75.0710, 2.4300,
13.9697

 52.6580, 2.1406,
13.4549

 31.0600, 2.4354,
12.2254

 9.3700, 2.2826,

14.5845

■ 0.0000, 0.0000,
0.0000

■ 176.7940, 2.5666,
16.8437

■ 176.7940, 2.5666,
16.8437

■ 164.0280, 4.4232,
28.0394

■ 189.5600, 0.7099,
5.6479

■ 151.8490, 5.9904,
38.7204

■ 201.7390, -0.8573,
-5.0331

■ 139.0830, 7.8471,
49.9162

■ 214.5050, -2.7140,
-16.2289

■ 126.7900, 8.9775,
60.6972

■ 226.7980, -3.8444,
-27.0098

■ 114.0240, 10.8342,
71.8930

■ 234.2810, -3.0965,
-33.5724

■ 101.2580, 12.6908,
83.0887

■ 235.3070, 0.8346,
-34.4722

■ 89.0790, 14.2581,
93.7697

■ 236.3330, 4.7658,
-35.3720

■ 76.3130, 16.1147,
104.9655

■ 237.3590, 8.6970,
-36.2718

■ 70.5740, 16.9720,
109.9986

Harmonies

Analogous

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



176.2210, 8.2720, 6.8222



176.7940, 2.5666, 16.8437



176.5190, -3.7069, 22.3468

Triad

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



176.7940, 2.5666, 16.8437



173.2320, -11.9464, 5.0585



170.4790, 10.1169, -24.9761

Complementary

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



176.7940, 2.5666, 16.8437



185.2060, -2.5666, -16.8437

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.



169.8120, 5.0227, -24.3911



176.7940, 2.5666, 16.8437



171.7790, -8.2720, -6.8222

Square

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



176.7940, 2.5666, 16.8437



174.8850, -12.2683, 15.0099



170.0210, -1.9824, -17.5584



172.0330, 13.2947, -17.5689

Rectangle

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



176.7940, 2.5666, 16.8437



175.7810, -7.7800, 22.1171



170.0210, -1.9824, -17.5584



169.8380, 8.9539, -25.2909

Sweetspot

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



176.7940, 2.5666, 16.8437



246.6850, 1.1413, 7.2923



173.6060, 11.0402, 5.6075



122.8480, 0.5679, 4.5183



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.



176.7940, 2.5666, 16.8437



225.6040, 4.1392, 25.7803



175.0840, -3.9854, 18.3433



90.5600, 0.7099, 5.6479



57.9430, 13.8321, 90.3810



11.9190, 2.9979, 18.4880

Inverse Universe

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



176.7940, 2.5666, 16.8437



225.6040, 4.1392, 25.7803



186.9160, 3.9854, -18.3433



90.5600, 0.7099, 5.6479



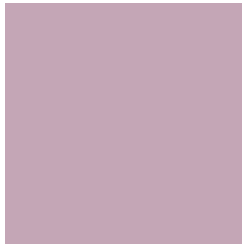
57.9430, 13.8321, 90.3810



11.9190, 2.9979, 18.4880

Previews

White Background



This preview shows how the YUV color 176.7940, 2.5666, 16.8437 looks on a white background.

Color Contrast Check

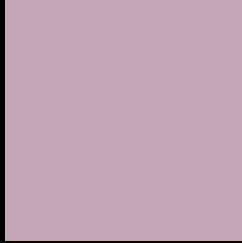
Large Text (above 18pt) WCAG AA × Fail

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 176.7940, 2.5666, 16.8437 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

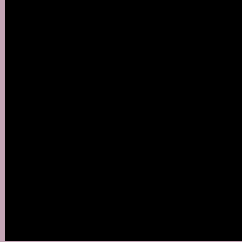
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 176.7940, 2.5666, 16.8437

Background



This preview shows how black text looks on a background with the YUV color 176.7940, 2.5666, 16.8437.



This preview shows how white text looks on a background with the YUV color 176.7940, 2.5666,

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

176.7940, 2.5666, 16.8437

Protanopia

174.7810, 5.5310, -0.6849

Deuteranopia

176.0490, 2.4408, 10.4810



Tritanopia

176.4520, 1.2562, 17.1436

Trichromacy



Original Color

176.7940, 2.5666, 16.8437

Protanomaly

175.2980, 4.7831, 5.8777

Deuteranomaly

176.3590, 2.2880, 12.8402

Tritanomaly

176.5660, 1.6930, 17.0436

Monochromacy



Original Color

176.7940, 2.5666, 16.8437

Achromatopsia

177.0000, 0.0000, 0.0000

Achromatomaly

176.9730, 0.9993, 6.1627

CSS Examples

Text

The CSS property to change the color of the text to YUV 176.7940, 2.5666, 16.8437 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(196, 166, 182)` looks like.

```
.text, #text, p{  
    color:rgb(196, 166, 182)  
}
```

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(196, 166, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 166, 182) }
```

Border

The CSS property to change the border of an element to YUV 176.7940, 2.5666, 16.8437 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(196, 166, 182) }
```


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

```
.border{ border-color:rgb(196, 166, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 166, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 166, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 166, 182);  
box-shadow:4px 4px 4px 4px rgb(196, 166,  
182) }
```

Background

The CSS property to change the background color of an element to YUV 176.7940, 2.5666, 16.8437 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 166, 182) }
```

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

```
.background{ background-color: rgb(196,  
166, 182) }
```

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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