

Converting Colors

YUV(198.6860, 12.9728,
-7.6176)

Have a look what the booklet for
YUV(198.6860, 12.9728, -7.6176)
contains.

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Color

**YUV(198.6860, 12.9728,
-7.6176)**

Conversions

Conversions Part 1

Format	Color
Hex	BEC6E1
RGB	190, 198, 225
RGB Percent	75%, 78%, 88%
CMY	0.2549, 0.2235, 0.1176
CMYK	0.16, 0.12, 0.00, 0.12
HSL	226°, 37%, 81%
HSV	226°, 16%, 88%
XYZ	55.0199, 56.7716, 79.2923
YIQ	198.6860, -13.4350, 6.7010

Conversions

Conversions Part 2

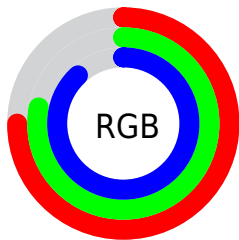
Format	Color
R _Y B	190, 197, 225
Decimal	12502753
CIE Lab	80.05, 2.69, -14.33
CIE LCh	80, 14.583, 280.646
Yxy	56.7716, 0.2879, 0.2971
Android (android.graphics.Color)	4290692833 (0xFFBEC6E1)
YUV	198.6860, 12.9728, -7.6176
Hunter-Lab	75.3469, -1.5126, -9.6518

Details

The YUV color **198.6860, 12.9728, -7.6176** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **216.3140, -12.9728, 7.6176**, and the grayscale version is **199.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **252.6080, 1.1793, -4.9182**, and **144.5720, 12.5360, -7.5176** is the 20% darker color. If you saturate the color by 10%, you get **182.1290, 21.1354, -12.3911**, and if you desaturate by 10%, it is **215.5420, 4.6628, -2.2293**.

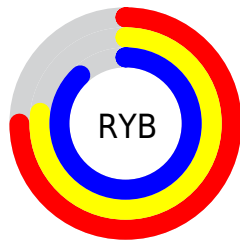
Distribution



Red (75%)

Green (78%)

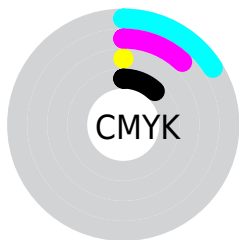
Blue (88%)



Red (75%)

Yellow (77%)

Blue (88%)

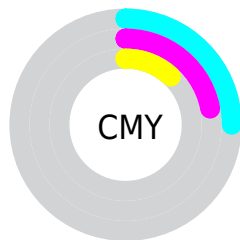


Cyan (16%)

Magenta (12%)

Yellow (0%)

Black (12%)



Cyan (25%)

Magenta (22%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YUV color 198.6860, 12.9728, -7.6176 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 198.6860, 12.9728, -7.6176 by changing the saturation by 10% instead.

■ 198.6860, 12.9728,
-7.6176

■ 198.6860, 12.9728,
-7.6176

255.0000, 0.0000,
0.0000

■ 171.5720, 12.5360,
-7.5176

■ 252.6080, 1.1793,
-4.9182

■ 144.5720, 12.5360,
-7.5176

■ 119.3440, 11.6624,
-7.3177

■ 94.3440, 11.6624,
-7.3177

■ 70.2300, 11.2256,
-7.2177

■ 48.0020, 10.3520,
-7.0178

■ 26.5890, 10.0626,

-7.5326

■ 3.0780, 11.7935,
-2.6994

■ 0.0000, 0.0000,
0.0000

■ 198.6860, 12.9728,
-7.6176

■ 198.6860, 12.9728,
-7.6176

■ 182.1290, 21.1354,
-12.3911

■ 215.5420, 4.6628,
-2.2293

■ 164.6860, 29.7348,
-17.2646

■ 232.6860, -3.7892,
2.0294

■ 148.1290, 37.8974,
-22.0381

■ 248.6450,
-11.6570, 5.5733

■ 131.2730, 46.2074,
-27.4264

■ 251.5800,
-13.1039, 2.9993

■ 114.1290, 54.6594,
-31.6851

■ 97.2730, 62.9694,
-37.0734

■ 80.7160, 71.1320,
-41.8469

■ 63.2730, 79.7314,
-46.7204

■ 55.5870, 83.5206,
-48.7498

Harmonies

Analogous

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



196.1360, 13.7370, -19.4133



198.6860, 12.9728, -7.6176



200.7370, 9.0037, 5.4927

Triad

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



198.6860, 12.9728, -7.6176



200.3250, -9.5272, 22.5170



194.4940, -2.7085, -17.9732

Complementary

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



198.6860, 12.9728, -7.6176



216.3140, -12.9728, 7.6176

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.



195.9640, -8.8563, -6.1074



198.6860, 12.9728, -7.6176



199.3690, -12.9999, 16.3394

Square

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



198.6860, 12.9728, -7.6176



200.9320, -3.4175, 22.8616



197.4170, -12.5306, 5.7733



193.9860, 4.4439, -25.4207

Rectangle

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



198.6860, 12.9728, -7.6176



201.1680, 5.3402, 13.8847



197.4170, -12.5306, 5.7733



194.9460, -4.9034, -13.9846

Sweetspot

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



198.6860, 12.9728, -7.6176



245.2430, 4.8102, -2.8441



213.6230, 1.6649, -20.7174



122.0860, 2.9156, -1.8294



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.



198.6860, 12.9728, -7.6176



218.9290, 17.7830, -10.4617



196.6810, 13.9613, 2.0338



104.0150, 3.9366, -2.6442



43.5440, 65.3008, -38.1881



11.9290, 17.7830, -10.4617

Inverse Universe

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



201.3770, -1.6649, 20.7174



222.6060, -2.2708, 28.4095



218.3190, -13.9613, -2.0338



104.6310, -0.3111, 6.4626



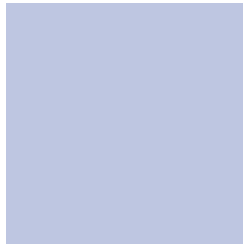
57.1840, -8.4717, 104.2016



15.6060, -2.2708, 28.4095

Previews

White Background



This preview shows how the YUV color 198.6860, 12.9728, -7.6176 looks on a white background.

Color Contrast Check

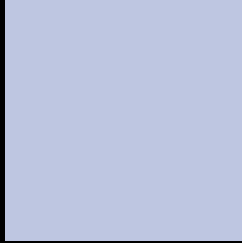
Large Text (above 18pt) WCAG AA × Fail

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 198.6860, 12.9728, -7.6176 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

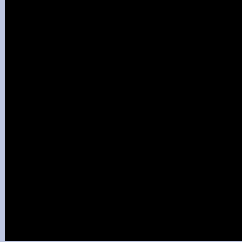
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 198.6860, 12.9728, -7.6176

Background



This preview shows how black text looks on a background with the YUV color 198.6860, 12.9728, -7.6176.



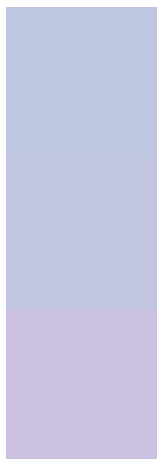
This preview shows how white text looks on a background with the YUV color 198.6860, 12.9728, -7.6176.

-7.6176.

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

198.6860, 12.9728, -7.6176

Protanopia

199.1810, 12.2358, -4.5437

Deuteranopia

200.3500, 12.6455, 4.0781



Tritanopia

198.1220, 8.3209, -8.8770

Trichromacy



Original Color

198.6860, 12.9728, -7.6176

Protanomaly

198.8820, 12.3832, -5.1585

Deuteranomaly

200.0290, 12.8037, -0.0254

Tritanomaly

198.2900, 10.2100, -8.1473

Monochromacy



Original Color

198.6860, 12.9728, -7.6176

Achromatopsia

199.0000, 0.0000, 0.0000

Achromatomaly

199.1290, 4.3734, -2.7441

CSS Examples

Text

The CSS property to change the color of the text to YUV 198.6860, 12.9728, -7.6176 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(190, 198, 225)` looks like.

```
.text, #text, p{  
    color:rgb(190, 198, 225)  
}
```

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(190, 198, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 198, 225) }
```

Border

The CSS property to change the border of an element to YUV 198.6860, 12.9728, -7.6176 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(190, 198, 225) }
```


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

```
.border{ border-color:rgb(190, 198, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 198, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 198, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 198, 225);  
box-shadow:4px 4px 4px 4px rgb(190, 198,  
225) }
```

Background

The CSS property to change the background color of an element to YUV 198.6860, 12.9728, -7.6176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 198, 225) }
```

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

```
.background{ background-color: rgb(190,  
198, 225) }
```

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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