

Converting Colors

YUV(196.5860, 1.1901, -8.4069)

Have a look what the booklet for
YUV(196.5860, 1.1901, -8.4069)
contains.

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Color

**YUV(196.5860, 1.1901,
-8.4069)**

Conversions

Conversions Part 1

Format	Color
Hex	BBC9C7
RGB	187, 201, 199
RGB Percent	73%, 79%, 78%
CMY	0.2667, 0.2118, 0.2196
CMYK	0.07, 0.00, 0.01, 0.21
HSL	171°, 11%, 76%
HSV	171°, 7%, 79%
XYZ	51.6890, 56.4616, 62.2067
YIQ	196.5860, -7.7020, -3.5900

Conversions

Conversions Part 2

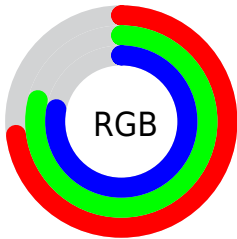
Format	Color
R _Y B	187, 195, 201
Decimal	12306887
CIE Lab	79.88, -5.14, -0.65
CIE LCh	80, 5.177, 187.228
Yxy	56.4616, 0.3034, 0.3314
Android (android.graphics.Color)	4290496967 (0xFFBBC9C7)
YUV	196.5860, 1.1901, -8.4069
Hunter-Lab	75.1409, -8.7076, 3.5144

Details

The YUV color $196.5860, 1.1901, -8.4069$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $191.4140, -1.1901, 8.4069$, and the grayscale version is $197.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $251.4120, 1.7689, -7.3773$, and $142.8850, 1.0427, -7.7921$ is the 20% darker color. If you saturate the color by 10%, you get $190.2640, 2.8278, -20.4025$, and if you desaturate by 10%, it is $202.9080, -0.4476, 3.5887$.

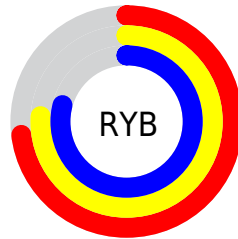
Distribution



Red (73%)

Green (79%)

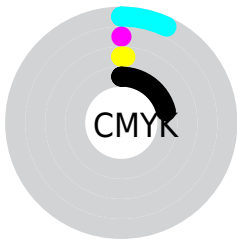
Blue (78%)



Red (73%)

Yellow (76%)

Blue (79%)

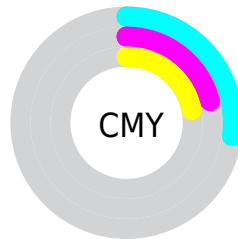


Cyan (7%)

Magenta (0%)

Yellow (1%)

Black (21%)



Cyan (27%)

Magenta (21%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 196.5860, 1.1901, -8.4069 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 196.5860, 1.1901, -8.4069 by changing the saturation by 10% instead.

■ 196.5860, 1.1901,
-8.4069

■ 196.5860, 1.1901,
-8.4069

255.0000, 0.0000,
0.0000

■ 169.5860, 1.1901,
-8.4069

■ 251.4120, 1.7689,
-7.3773

■ 142.8850, 1.0427,
-7.7921

■ 116.9990, 1.4795,
-7.8921

■ 92.8850, 1.0427,
-7.7921

■ 69.1840, 0.8953,
-7.1774

■ 46.5970, 1.1847,
-6.6626

■ 25.8960, 1.0373,

-6.0478

■ 0.1140, 0.4368,
-0.1000

■ 0.0000, 0.0000,
0.0000

■ 196.5860, 1.1901,
-8.4069

■ 196.5860, 1.1901,
-8.4069

■ 190.2640, 2.8278,
-20.4025

■ 202.9080, -0.4476,
3.5887

■ 183.9420, 4.4656,
-32.3981

■ 209.2300, -2.0854,
15.5843

■ 177.6200, 6.1033,
-44.3937

■ 215.5520, -3.7231,
27.5799

■ 171.4120, 8.1779,
-56.4893

■ 218.1720, -4.0288,
32.2982

■ 165.0900, 9.8156,
-68.4849

■ 218.5140, -2.7184,
31.9982

■ 158.4690, 11.6008,
-81.0953

■ 218.8560, -1.4080,
31.6983

■ 152.1470, 13.2385,
-93.0909

■ 219.1980, -0.0976,
31.3984

■ 145.8250, 14.8763,
-105.0865

■ 219.5400, 1.2128,
31.0984

■ 139.5030, 16.5140,
-117.0821

■ 219.8820, 2.5232,
30.7985

Harmonies

Analogous

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



196.9130, -1.4361, -6.0627



196.5860, 1.1901, -8.4069



197.1560, 3.3741, -8.9068

Triad

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



196.5860, 1.1901, -8.4069



198.6350, 3.6309, 2.0741



198.1920, -4.5317, 6.8476

Complementary

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



196.5860, 1.1901, -8.4069



191.4140, -1.1901, 8.4069

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.



198.8440, -3.3741, 8.9068



196.5860, 1.1901, -8.4069



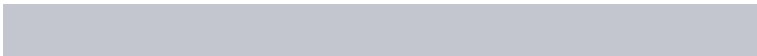
199.0870, 1.4361, 6.0627

Square

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



196.5860, 1.1901, -8.4069



198.1290, 4.3734, -2.7441



199.1150, -1.0427, 7.7921



197.7570, -4.8102, 2.8441

Rectangle

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



196.5860, 1.1901, -8.4069



197.0960, 4.3897, -7.9772



199.1150, -1.0427, 7.7921



198.6050, -4.2423, 7.3624

Sweetspot

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



196.5860, 1.1901, -8.4069



253.3910, 0.3002, -2.9739



195.8160, -4.3463, -5.9776



126.9890, 0.0054, -1.7444



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.



196.5860, 1.1901, -8.4069



248.6780, 1.6377, -11.9956



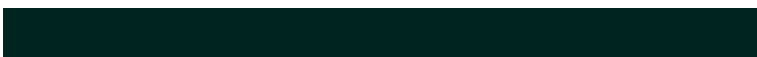
193.8790, 3.5107, -6.0329



96.1950, 0.8899, -5.4330



111.6410, 13.9810, -97.9092



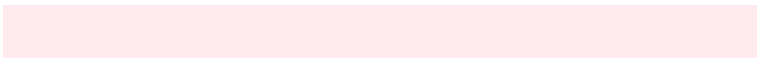
24.6660, 3.1227, -21.6321

Inverse Universe

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



191.4140, -1.1901, 8.4069



241.3220, -1.6377, 11.9956



194.1210, -3.5107, 6.0329



92.8050, -0.8899, 5.4330



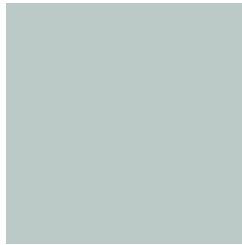
51.3590, -13.9810, 97.9092



11.3340, -3.1227, 21.6321

Previews

White Background



This preview shows how the YUV color 196.5860, 1.1901, -8.4069 looks on a white background.

Color Contrast Check

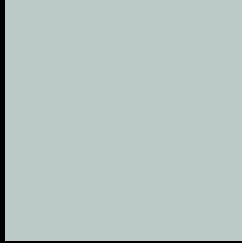
Large Text (above 18pt) WCAG AA × Fail

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 196.5860, 1.1901, -8.4069 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

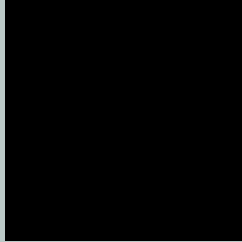
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

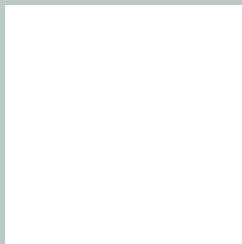
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 196.5860, 1.1901, -8.4069

Background



This preview shows how black text looks on a background with the YUV color 196.5860, 1.1901, -8.4069.



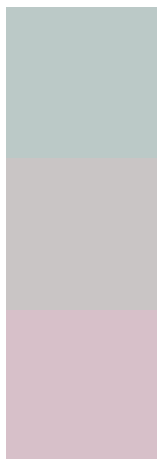
This preview shows how white text looks on a background with the YUV color 196.5860, 1.1901, -8.4069.

-8.4069.

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

196.5860, 1.1901, -8.4069

Protanopia

198.1960, -0.5896, 2.4591

Deuteranopia

199.9030, 0.5408, 13.2401



Tritanopia

198.0190, 7.8786, -7.0327

Trichromacy



Original Color

196.5860, 1.1901, -8.4069

Protanomaly

197.4020, 0.2948, -1.2296

Deuteranomaly

198.5600, 0.7099, 5.6479

Tritanomaly

197.7370, 5.5527, -7.6623

Monochromacy



Original Color

196.5860, 1.1901, -8.4069

Achromatopsia

197.0000, 0.0000, 0.0000

Achromatomaly

196.5050, 0.7370, -3.0739

CSS Examples

Text

The CSS property to change the color of the text to YUV 196.5860, 1.1901, -8.4069 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(187, 201, 199)` looks like.

```
.text, #text, p{  
    color:rgb(187, 201, 199)  
}
```

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(187, 201, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 201, 199) }
```

Border

The CSS property to change the border of an element to YUV 196.5860, 1.1901, -8.4069 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(187, 201, 199) }
```


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

```
.border{ border-color:rgb(187, 201, 199) }
```

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

Here you see how a box with a 4 pixel rgb(187, 201, 199) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 201, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 201, 199);  
box-shadow:4px 4px 4px 4px rgb(187, 201,  
199) }
```

Background

The CSS property to change the background color of an element to YUV 196.5860, 1.1901, -8.4069 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 201, 199) }
```

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

```
.background{ background-color: rgb(187,  
201, 199) }
```

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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