

Converting Colors

YUV(193.8730, -17.6854,
-20.9366)

Have a look what the booklet for
YUV(193.8730, -17.6854, -20.9366)
contains.

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Color

**YUV(193.8730, -17.6854,
-20.9366)**

Conversions

Conversions Part 1

Format	Color
Hex	AAD59E
RGB	170, 213, 158
RGB Percent	67%, 84%, 62%
CMY	0.3333, 0.1647, 0.3804
CMYK	0.20, 0.00, 0.26, 0.16
HSL	107°, 40%, 73%
HSV	107°, 26%, 84%
XYZ	46.5434, 58.6032, 41.2062
YIQ	193.8730, -7.9730, -26.2210

Conversions

Conversions Part 2

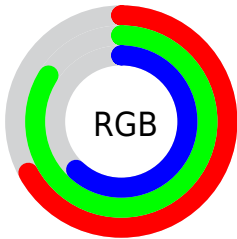
Format	Color
RYB	158, 213, 201
Decimal	11195806
CIELab	81.07, -24.31, 22.70
CIELCh	81, 33.266, 136.965
Yxy	58.6032, 0.3180, 0.4004
Android (android.graphics.Color)	4289385886 (0xFFAAD59E)
YUV	193.8730, -17.6854, -20.9366
Hunter-Lab	76.5527, -25.4408, 21.6727

Details

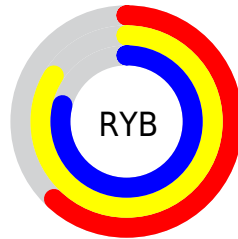
The YUV color **193.8730, -17.6854, -20.9366** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **177.1270, 17.6854, 20.9366**, and the grayscale version is **194.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **241.5410, -14.0707, -13.6295**, and **139.8130, -16.6698, -20.0070** is the 20% darker color. If you saturate the color by 10%, you get **186.3960, -24.3522, -29.2883**, and if you desaturate by 10%, it is **201.3500, -11.0185, -12.5849**.

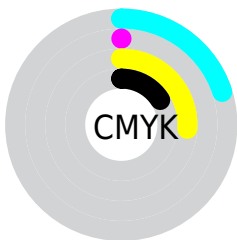
Distribution



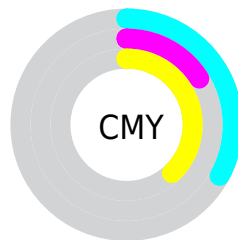
- Red (67%)
- Green (84%)
- Blue (62%)



- Red (62%)
- Yellow (84%)
- Blue (79%)



- Cyan (20%)
- Magenta (0%)
- Yellow (26%)
- Black (16%)



- Cyan (33%)
- Magenta (16%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YUV color 193.8730, -17.6854, -20.9366 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 193.8730, -17.6854, -20.9366 by changing the saturation by 10% instead.

■ 193.8730,
-17.6854, -20.9366

■ 193.8730,
-17.6854, -20.9366

255.0000, 0.0000,
0.0000

■ 166.4000,
-16.9592, -20.5218

■ 241.5410,
-14.0707, -13.6295

■ 139.8130,
-16.6698, -20.0070

■ 253.4040, -6.1152,
1.3997

■ 114.3400,
-15.9436, -19.5922

■ 89.4540, -15.5068,
-19.6922

■ 65.0950, -14.3438,
-19.3773

■ 41.9100, -13.7596,
-20.0921

■ 21.7190, -10.7075,

-19.0476

■ 4.1090, -2.0257,
-3.6036

■ 0.0000, 0.0000,
0.0000

■ 193.8730,
-17.6854, -20.9366

■ 193.8730,
-17.6854, -20.9366

■ 186.3960,
-24.3522, -29.2883

■ 201.3500,
-11.0185, -12.5849

■ 179.1040,
-31.6033, -36.9252

■ 208.6420, -3.7675,
-4.9480

■ 171.6270,
-38.2701, -45.2769

■ 216.1190, 2.8993,
3.4036

■ 164.1500,
-44.9369, -53.6285

■ 223.5960, 9.5662,
11.7553

■ 156.9720,
-51.7512, -61.3654

■ 229.7480, 12.4492,
20.3920

■ 149.3810,
-58.8548, -69.6171

■ 230.3460, 12.1544,
21.6216

■ 141.9040,
-65.5217, -77.9688

■ 138.7850,
-68.4210, -81.3724

Harmonies

Analogous

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



197.7040, -27.9551, 6.3986



193.8730, -17.6854, -20.9366



189.2360, -1.5953, -48.4420

Triad

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



193.8730, -17.6854, -20.9366



193.3250, 30.4058, -45.8890



202.4080, -8.5821, 46.1232

Complementary

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



193.8730, -17.6854, -20.9366



177.1270, 17.6854, 20.9366

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.



206.2300, 4.8166, 41.8943



193.8730, -17.6854, -20.9366



201.2090, 26.5190, -12.4613

Square

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



193.8730, -17.6854, -20.9366



186.2420, 29.4607, -69.4952



205.4580, 19.0012, 18.8923



202.7380, -22.5488, 45.8338

Rectangle

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



193.8730, -17.6854, -20.9366



186.3510, 10.6730, -63.4518



205.4580, 19.0012, 18.8923



202.9610, -3.9248, 45.6382

Sweetspot

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



193.8730, -17.6854, -20.9366



247.9360, -6.3774, -7.8369



199.0990, -20.2618, 12.1912



123.5280, -4.2043, -4.8481



0.0000, 0.0000, 0.0000



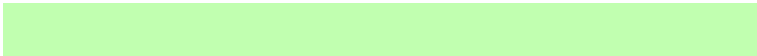
128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



193.8730, -17.6854, -20.9366



227.4560, -25.3678, -30.2179



191.9950, -9.3645, -29.8136



103.3540, -3.6255, -3.8185



111.4400, -54.9399, -65.2839



27.9320, -13.7705, -16.6034

Inverse Universe

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



177.1270, 17.6854, 20.9366



203.5440, 25.3678, 30.2179



179.0050, 9.3645, 29.8136



99.9450, 3.4781, 4.4332



59.5600, 54.9399, 65.2839



15.0680, 13.7705, 16.6034

Previews

White Background



This preview shows how the YUV color 193.8730, -17.6854, -20.9366 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 193.8730, -17.6854, -20.9366 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

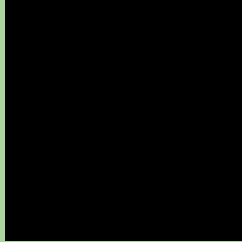
Any Text WCAG AA ✓ Pass

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 193.8730, -17.6854, -20.9366 Background



This preview shows how black text looks on a background with the YUV color 193.8730, -17.6854, -20.9366.



This preview shows how white text looks on a background with the YUV color 193.8730, -17.6854, -20.9366.

-20.9366.

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

193.8730, -17.6854, -20.9366

Protanopia

199.6000, -23.4668, 13.5058

Deuteranopia

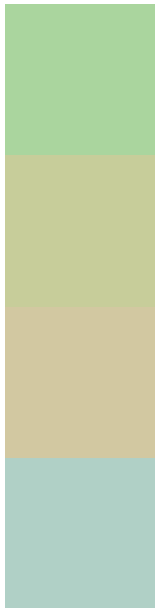
201.4260, -19.4370, 27.6904



Tritanopia

199.3490, 10.6739, -16.9691

Trichromacy



Original Color

193.8730, -17.6854, -20.9366

Protanomaly

197.3920, -21.3923, 1.4102

Deuteranomaly

198.5440, -18.5092, 10.0469

Tritanomaly

197.2920, 0.3490, -18.6731

Monochromacy



Original Color

193.8730, -17.6854, -20.9366

Achromatopsia

194.0000, 0.0000, 0.0000

Achromatomaly

193.9360, -6.3774, -7.8369

CSS Examples

Text

The CSS property to change the color of the text to YUV 193.8730, -17.6854, -20.9366 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(170, 213, 158)` looks like.

```
.text, #text, p{  
    color:rgb(170, 213, 158)  
}
```

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(170, 213, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 213, 158) }
```

Border

The CSS property to change the border of an element to YUV 193.8730, -17.6854, -20.9366 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(170, 213, 158) }
```


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

```
.border{ border-color:rgb(170, 213, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 213, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 213, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 213, 158);  
box-shadow:4px 4px 4px 4px rgb(170, 213,  
158) }
```

Background

The CSS property to change the background color of an element to YUV 193.8730, -17.6854, -20.9366 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 213, 158) }
```

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

```
.background{ background-color: rgb(170,  
213, 158) }
```

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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