

Converting Colors

YUV(193.9680, -21.6762,
-0.8489)

Have a look what the booklet for
YUV(193.9680, -21.6762, -0.8489)
contains.

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Color

**YUV(193.9680, -21.6762,
-0.8489)**

Conversions

Conversions Part 1

Format	Color
Hex	C1CB96
RGB	193, 203, 150
RGB Percent	76%, 80%, 59%
CMY	0.2431, 0.2039, 0.4118
CMYK	0.05, 0.00, 0.26, 0.20
HSL	71°, 34%, 69%
HSV	71°, 26%, 80%
XYZ	48.8533, 56.2513, 37.1369
YIQ	193.9680, 11.0530, -18.6030

Conversions

Conversions Part 2

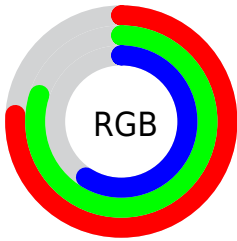
Format	Color
RYB	150, 203, 160
Decimal	12700566
CIELab	79.76, -12.23, 25.36
CIELCh	80, 28.154, 115.739
Yxy	56.2513, 0.3435, 0.3955
Android (android.graphics.Color)	4290890646 (0xFFC1CB96)
YUV	193.9680, -21.6762, -0.8489
Hunter-Lab	75.0009, -14.9821, 23.1430

Details

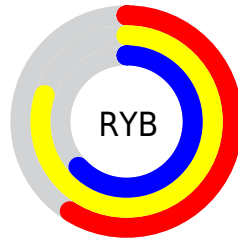
The YUV color $193.9680, -21.6762, -0.8489$ is a light color, and the websafe version is hex $CCCC99$. A complement of this color would be $159.0320, 21.6762, 0.8489$, and the grayscale version is $194.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $247.6910, -21.5397, 2.0250$, and $140.3100, -20.3658, -1.1489$ is the 20% darker color. If you saturate the color by 10%, you get $190.4920, -29.8226, -1.3085$, and if you desaturate by 10%, it is $197.4440, -13.5299, -0.3894$.

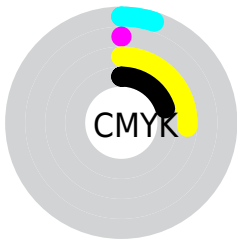
Distribution



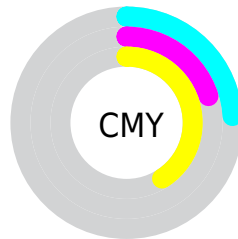
- Red (76%)
- Green (80%)
- Blue (59%)



- Red (59%)
- Yellow (80%)
- Blue (63%)



- Cyan (5%)
- Magenta (0%)
- Yellow (26%)
- Black (20%)



- Cyan (24%)
- Magenta (20%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the YUV color 193.9680, -21.6762, -0.8489 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 193.9680, -21.6762, -0.8489 by changing the saturation by 10% instead.

■ 193.9680,
-21.6762, -0.8489

■ 193.9680,
-21.6762, -0.8489

255.0000, 0.0000,
0.0000

■ 167.0820,
-21.2394, -0.9489

■ 247.6910,
-21.5397, 2.0250

■ 140.3100,
-20.3658, -1.1489

■ 252.4920, -9.6096,
2.1995

■ 114.4240,
-19.9290, -1.2488

■ 89.6520, -19.0554,
-1.4488

■ 65.8800, -18.1818,
-1.6488

■ 43.3530, -18.9080,
-2.0636

■ 24.1770, -11.9193,

-3.6632

■ 0.0000, 0.0000,
0.0000

■ 193.9680,
-21.6762, -0.8489

■ 193.9680,
-21.6762, -0.8489

■ 190.4920,
-29.8226, -1.3085

■ 197.4440,
-13.5299, -0.3894

■ 186.9020,
-38.4057, -1.6681

■ 201.0340, -4.9468,
-0.0298

■ 183.7250,
-46.6994, -1.5128

■ 204.2110, 3.3470,
-0.1850

■ 180.2490,
-54.8458, -1.9724

■ 207.6870, 11.4933,
0.2745

■ 176.7730,
-62.9921, -2.4319

■ 211.2770, 20.0764,
0.6341

■ 173.1830,
-71.5752, -2.7915

■ 212.8150, 20.7972,
2.7932

■ 169.7070,
-79.7216, -3.2510

■ 214.0110, 20.2076,
5.2524

■ 168.4960,
-83.0685, -3.0660

■ 215.2070, 19.6179,
7.7115

■ 216.1040, 19.1757,
9.5558

Harmonies

Analogous

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



197.1880, -25.2357, 20.8831



193.9680, -21.6762, -0.8489



190.4580, -11.5648, -24.0807

Triad

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



193.9680, -21.6762, -0.8489



188.3260, 25.4753, -51.1519



201.9540, 0.0227, 39.5053

Complementary

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



193.9680, -21.6762, -0.8489



159.0320, 21.6762, 0.8489

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.



202.1720, 12.7332, 22.6512



193.9680, -21.6762, -0.8489



194.2130, 27.0100, -30.0048

Square

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



193.9680, -21.6762, -0.8489



185.2900, 16.6190, -57.2593



199.5370, 22.4133, -2.2249



200.7730, -12.2131, 44.0491

Rectangle

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



193.9680, -21.6762, -0.8489



188.4760, -2.2067, -39.0055



199.5370, 22.4133, -2.2249



202.0720, 4.4015, 35.0169

Sweetspot

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



193.9680, -21.6762, -0.8489



251.5240, -8.1463, -0.4595



171.7170, -10.7065, 27.4352



125.6210, -5.2362, -0.5446



0.0000, 0.0000, 0.0000



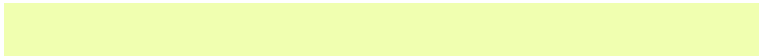
128.0000, 0.0000, 0.0000

Same Dimension

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



193.9680, -21.6762, -0.8489



241.5090, -32.2959, -1.3234



186.1940, -17.8436, -16.8331



100.2620, -4.0732, -0.2298



137.5080, -67.7914, -3.0765



31.5750, -15.5665, -0.5043

Inverse Universe

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



159.0320, 21.6762, 0.8489



189.4910, 32.2959, 1.3234



166.8060, 17.8436, 16.8331



93.7380, 4.0732, 0.2298



28.1930, 67.9389, 2.4617



6.4250, 15.5665, 0.5043

Previews

White Background



This preview shows how the YUV color 193.9680, -21.6762, -0.8489 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 193.9680, -21.6762, -0.8489 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

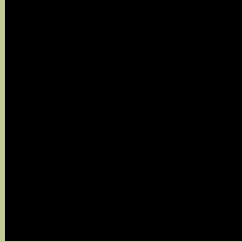
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

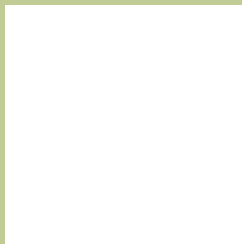
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 193.9680, -21.6762, -0.8489

Background



This preview shows how black text looks on a background with the YUV color 193.9680, -21.6762, -0.8489.



This preview shows how white text looks on a background with the YUV color 193.9680, -21.6762, -0.8489.

-0.8489.

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

193.9680, -21.6762, -0.8489

Protanopia

195.7850, -24.0510, 14.2206

Deuteranopia

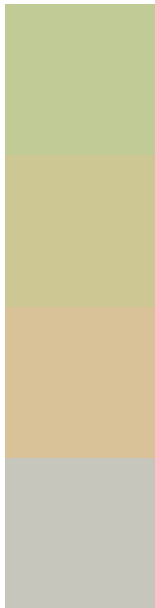
197.7530, -22.0632, 30.0346



Tritanopia

198.5040, 5.6675, 2.1890

Trichromacy



Original Color

193.9680, -21.6762, -0.8489

Protanomaly

194.9800, -23.1611, 8.7875

Deuteranomaly

196.3880, -21.8833, 18.9537

Tritanomaly

196.8600, -4.3680, 0.9998

Monochromacy



Original Color

193.9680, -21.6762, -0.8489

Achromatopsia

194.0000, 0.0000, 0.0000

Achromatomaly

193.9370, -7.8569, 0.0553

CSS Examples

Text

The CSS property to change the color of the text to YUV 193.9680, -21.6762, -0.8489 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(193, 203, 150)` looks like.

```
.text, #text, p{  
    color:rgb(193, 203, 150)  
}
```

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(193, 203, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 203, 150) }
```

Border

The CSS property to change the border of an element to YUV 193.9680, -21.6762, -0.8489 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(193, 203, 150) }
```


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

```
.border{ border-color:rgb(193, 203, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 203, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 203, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 203, 150);  
box-shadow:4px 4px 4px 4px rgb(193, 203,  
150) }
```

Background

The CSS property to change the background color of an element to YUV 193.9680, -21.6762, -0.8489 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 203, 150) }
```

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

```
.background{ background-color: rgb(193,  
203, 150) }
```

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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