

Converting Colors

YUV(191.8160, -21.1083,
3.6694)

Have a look what the booklet for
YUV(191.8160, -21.1083, 3.6694)
contains.

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Color

**YUV(191.8160, -21.1083,
3.6694)**

Conversions

Conversions Part 1

Format	Color
Hex	C4C695
RGB	196, 198, 149
RGB Percent	77%, 78%, 58%
CMY	0.2314, 0.2235, 0.4157
CMYK	0.01, 0.00, 0.25, 0.22
HSL	62°, 30%, 68%
HSV	62°, 25%, 78%
XYZ	48.3838, 54.2939, 36.3634
YIQ	191.8160, 14.5370, -15.6630

Conversions

Conversions Part 2

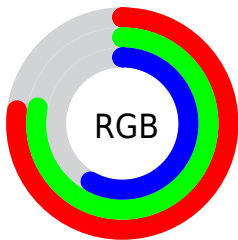
Format	Color
RYB	149, 198, 151
Decimal	12895893
CIELab	78.63, -8.67, 24.40
CIELCh	79, 25.894, 109.560
Yxy	54.2939, 0.3480, 0.3905
Android (android.graphics.Color)	4291085973 (0xFFC4C695)
YUV	191.8160, -21.1083, 3.6694
Hunter-Lab	73.6844, -11.7380, 22.3193

Details

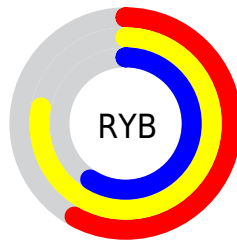
The YUV color $191.8160, -21.1083, 3.6694$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $155.1840, 21.1083, -3.6694$, and the grayscale version is $192.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $248.4740, -22.4187, 3.9693$, and $138.1580, -19.7979, 3.3694$ is the 20% darker color. If you saturate the color by 10%, you get $189.2370, -29.6968, 5.0542$, and if you desaturate by 10%, it is $194.3950, -12.5197, 2.2846$.

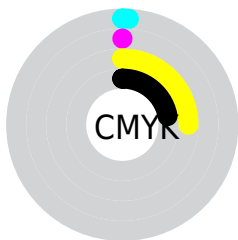
Distribution



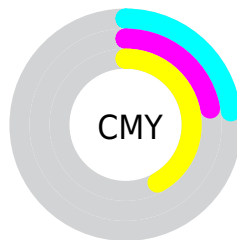
- Red (77%)
- Green (78%)
- Blue (58%)



- Red (58%)
- Yellow (78%)
- Blue (59%)



- Cyan (1%)
- Magenta (0%)
- Yellow (25%)
- Black (22%)



- Cyan (23%)
- Magenta (22%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YUV color 191.8160, -21.1083, 3.6694 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 191.8160, -21.1083, 3.6694 by changing the saturation by 10% instead.

■ 191.8160,
-21.1083, 3.6694

■ 191.8160,
-21.1083, 3.6694

■ 255.0000, 0.0000,
0.0000

■ 164.9300,
-20.6715, 3.5694

■ 248.4740,
-22.4187, 3.9693

■ 138.1580,
-19.7979, 3.3694

■ 252.3780,
-10.0464, 2.2995

■ 112.9730,
-19.2137, 2.6547

■ 88.2010, -18.3401,
2.4547

■ 64.3150, -17.9033,
2.3547

■ 41.9020, -18.1927,
1.8399

■ 22.4270, -11.0565,

-0.3745

■ 0.0000, 0.0000,
0.0000

■ 191.8160,
-21.1083, 3.6694

■ 191.8160,
-21.1083, 3.6694

■ 189.2370,
-29.6968, 5.0542

■ 194.3950,
-12.5197, 2.2846

■ 186.6580,
-38.2854, 6.4389

■ 196.9740, -3.9312,
0.8998

■ 184.4920,
-46.5846, 8.3385

■ 199.1400, 4.3680,
-0.9998

■ 181.9130,
-55.1731, 9.7233

■ 201.7190, 12.9565,
-2.3846

■ 179.3340,
-63.7617, 11.1081

■ 204.2980, 21.5451,
-3.7693

■ 176.7550,
-72.3502, 12.4929

■ 205.3950, 24.4553,
-3.8544

■ 174.1760,
-80.9388, 13.8776

■ 205.6940, 24.3079,
-3.2396

■ 173.0360,
-85.3067, 14.8774

■ 205.9930, 24.1605,
-2.6249

Harmonies

Analogous

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



194.1820, -22.7677, 22.6424



191.8160, -21.1083, 3.6694



188.5620, -12.6021, -18.0329

Triad

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



191.8160, -21.1083, 3.6694



185.4250, 21.9755, -48.6077



198.6050, 2.6597, 33.6724

Complementary

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



191.8160, -21.1083, 3.6694



155.1840, 21.1083, -3.6694

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.



198.0680, 13.7705, 16.6034



191.8160, -21.1083, 3.6694



190.3330, 24.9788, -31.8640

Square

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



191.8160, -21.1083, 3.6694



184.0090, 12.8136, -49.9969



195.3900, 21.9927, -7.3580



197.9620, -8.8553, 40.3753

Rectangle

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



191.8160, -21.1083, 3.6694



186.8360, -4.8491, -31.4282



195.3900, 21.9927, -7.3580



198.6090, 6.6018, 29.2839

Sweetspot

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



191.8160, -21.1083, 3.6694



252.6490, -7.7150, 1.1848



164.8250, -7.8017, 29.0945



126.4470, -4.6574, 0.4850



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.



191.8160, -21.1083, 3.6694



245.4390, -32.7544, 5.7540



184.6400, -17.5705, -11.0853



97.9740, -3.9312, 0.8998



142.6240, -70.3136, 12.6078



31.2980, -15.4299, 2.3697

Inverse Universe

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



155.1840, 21.1083, -3.6694



188.5610, 32.7544, -5.7540



162.3600, 17.5705, 11.0853



91.0260, 3.9312, -0.8998



20.6750, 70.1662, -11.9930



4.4030, 15.5773, -2.9844

Previews

White Background



This preview shows how the YUV color 191.8160, -21.1083, 3.6694 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 191.8160, -21.1083, 3.6694 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

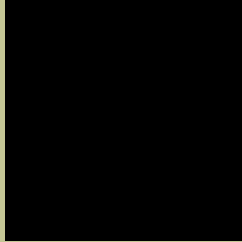
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

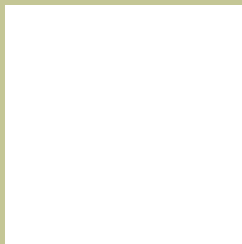
Any Text WCAG AAA ✓ Pass

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

YUV 191.8160, -21.1083, 3.6694 Background



This preview shows how black text looks on a background with the YUV color 191.8160, -21.1083, 3.6694.



This preview shows how white text looks on a background with the YUV color 191.8160, -21.1083, 3.6694.

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

191.8160, -21.1083, 3.6694

Protanopia

192.8280, -22.5932, 13.3058

Deuteranopia

195.1550, -21.7684, 28.8051



Tritanopia

196.1840, 4.3463, 5.9776

Trichromacy



Original Color

191.8160, -21.1083, 3.6694

Protanomaly

192.3330, -21.8562, 10.2320

Deuteranomaly

193.8010, -21.5939, 19.4685

Tritanomaly

194.7680, -4.8156, 4.5885

Monochromacy



Original Color

191.8160, -21.1083, 3.6694

Achromatopsia

192.0000, 0.0000, 0.0000

Achromatomaly

191.6490, -7.7150, 1.1848

CSS Examples

Text

The CSS property to change the color of the text to YUV 191.8160, -21.1083, 3.6694 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, 198, 149)` looks like.

```
.text, #text, p{  
    color:rgb(196, 198, 149)  
}
```

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, 198, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 198, 149) }
```

Border

The CSS property to change the border of an element to YUV 191.8160, -21.1083, 3.6694 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, 198, 149) }
```


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

```
.border{ border-color:rgb(196, 198, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 198, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 198, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 198, 149);  
box-shadow:4px 4px 4px 4px rgb(196, 198,  
149) }
```

Background

The CSS property to change the background color of an element to YUV 191.8160, -21.1083, 3.6694 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 198, 149) }
```

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

```
.background{ background-color: rgb(196,  
198, 149) }
```

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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