

Converting Colors

YUV(202.5440, -21.9602,
-3.1081)

Have a look what the booklet for
YUV(202.5440, -21.9602, -3.1081)
contains.

YUV(202.5440, -21.9602, -3.1081)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(202.5440, -21.9602,
-3.1081)**

Conversions

Conversions Part 1

Format	Color
Hex	C7D59E
RGB	199, 213, 158
RGB Percent	78%, 84%, 62%
CMY	0.2196, 0.1647, 0.3804
CMYK	0.07, 0.00, 0.26, 0.16
HSL	75°, 40%, 73%
HSV	75°, 26%, 84%
XYZ	53.5190, 62.1992, 41.5327
YIQ	202.5440, 9.3110, -20.0730

Conversions

Conversions Part 2

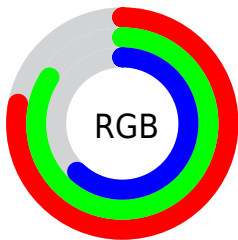
Format	Color
RYB	158, 213, 172
Decimal	13096350
CIELab	83.02, -13.92, 25.68
CIELCh	83, 29.209, 118.471
Yxy	62.1992, 0.3403, 0.3955
Android (android.graphics.Color)	4291286430 (0xFFC7D59E)
YUV	202.5440, -21.9602, -3.1081
Hunter-Lab	78.8665, -16.8858, 23.9833

Details

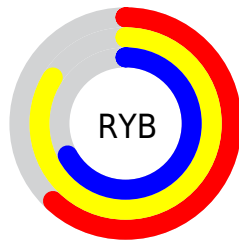
The YUV color $202.5440, -21.9602, -3.1081$ is a light color, and the websafe version is hex $CCCC99$. A complement of this color would be $168.4560, 21.9602, 3.1081$, and the grayscale version is $203.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $250.2120, -18.3455, 4.1991$, and $148.1850, -20.7972, -2.7932$ is the 20% darker color. If you saturate the color by 10%, you get $198.6550, -30.3959, -4.0824$, and if you desaturate by 10%, it is $206.4330, -13.5245, -2.1337$.

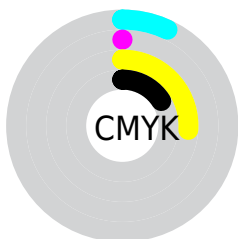
Distribution



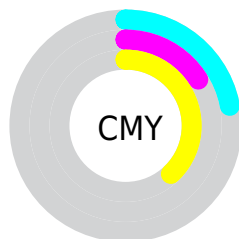
- Red (78%)
- Green (84%)
- Blue (62%)



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



- Cyan (7%)
- Magenta (0%)
- Yellow (26%)
- Black (16%)



- Cyan (22%)
- Magenta (16%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YUV color 202.5440, -21.9602, -3.1081 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 202.5440, -21.9602, -3.1081 by changing the saturation by 10% instead.

■ 202.5440,
-21.9602, -3.1081

■ 202.5440,
-21.9602, -3.1081

255.0000, 0.0000,
0.0000

■ 174.7720,
-21.0866, -3.3080

■ 250.2120,
-18.3455, 4.1991

■ 148.1850,
-20.7972, -2.7932

■ 253.4040, -6.1152,
1.3997

■ 122.4130,
-19.9236, -2.9932

■ 97.2280, -19.3394,
-3.7080

■ 73.3420, -18.9026,
-3.8079

■ 50.4560, -18.4658,
-3.9079

■ 29.7810, -14.6820,

-4.1929

■ 10.5660, -5.2090,
-9.2664

■ 0.0000, 0.0000,
0.0000

■ 202.5440,
-21.9602, -3.1081

■ 202.5440,
-21.9602, -3.1081

■ 198.6550,
-30.3959, -4.0824

■ 206.4330,
-13.5245, -2.1337

■ 194.3530,
-39.1210, -5.5716

■ 210.7350, -4.7994,
-0.6446

■ 190.4640,
-47.5568, -6.5459

■ 214.6240, 3.6364,
0.3298

■ 186.2760,
-55.8451, -8.1351

■ 218.8120, 11.9247,
1.9189

■ 182.3870,
-64.2808, -9.1094

■ 221.6750, 16.4292,
3.7930

■ 178.0850,
-73.0059, -10.5985

■ 223.4690, 15.5448,
7.4817

■ 174.1960,
-81.4416, -11.5729

■ 224.9640, 14.8077,
10.5556

■ 172.5720,
-85.0780, -11.9026

■ 226.4590, 14.0707,
13.6295

■ 228.2530, 13.1863,
17.3181

Harmonies

Analogous

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



205.2480, -26.2513, 19.9535



202.5440, -21.9602, -3.1081



198.6640, -10.6804, -27.7693

Triad

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



202.5440, -21.9602, -3.1081



197.4830, 27.3699, -52.1666



209.8400, -0.4141, 39.6053

Complementary

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



202.5440, -21.9602, -3.1081



168.4560, 21.9602, 3.1081

Split Complementary

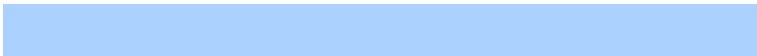
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



211.6670, 11.9962, 25.7250



202.5440, -21.9602, -3.1081



203.4690, 25.4048, -28.4753

Square

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



202.5440, -21.9602, -3.1081



194.4360, 18.5191, -60.0184



208.9610, 22.6972, 0.0342



207.9360, -12.7864, 41.2751

Rectangle

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



202.5440, -21.9602, -3.1081



196.7960, -0.8854, -42.7941



208.9610, 22.6972, 0.0342



211.5670, 3.6645, 38.0907

Sweetspot

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



202.5440, -21.9602, -3.1081



251.2250, -7.9989, -1.0743



182.6630, -12.1589, 26.6055



125.3220, -5.0887, -1.1594



0.0000, 0.0000, 0.0000



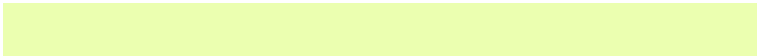
128.0000, 0.0000, 0.0000

Same Dimension

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



202.5440, -21.9602, -3.1081



240.0140, -31.5589, -4.3973



194.4710, -17.9802, -19.7071



104.8490, -4.3626, -0.7446



138.3500, -68.2065, -9.9539



34.8090, -17.1608, -2.4635

Inverse Universe

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



168.4560, 21.9602, 3.1081



190.9860, 31.5589, 4.3973



176.5290, 17.9802, 19.7071



98.1510, 4.3626, 0.7446



32.3510, 68.3540, 9.3392



8.1910, 17.1608, 2.4635

Previews

White Background



This preview shows how the YUV color 202.5440, -21.9602, -3.1081 looks on a white background.

Color Contrast Check

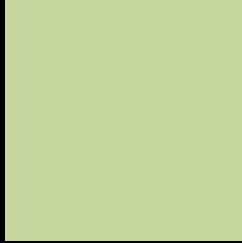
Large Text (above 18pt) WCAG AA × Fail

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 202.5440, -21.9602, -3.1081 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

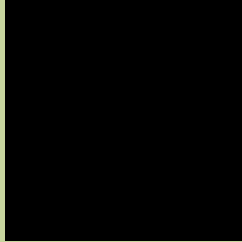
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

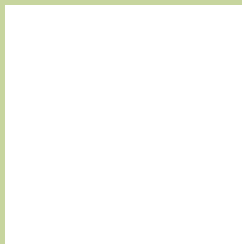
Any Text WCAG AAA ✓ Pass

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

YUV 202.5440, -21.9602, -3.1081 Background



This preview shows how black text looks on a background with the YUV color 202.5440, -21.9602, -3.1081.



This preview shows how white text looks on a background with the YUV color 202.5440, -21.9602, -3.1081.

-3.1081.

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

202.5440, -21.9602, -3.1081

Protanopia

204.6710, -24.4878, 14.3205

Deuteranopia

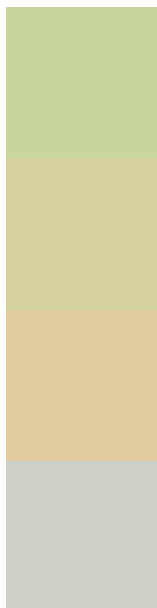
206.9380, -22.6474, 30.7494



Tritanopia

207.7210, 6.5465, 0.2447

Trichromacy



Original Color

202.5440, -21.9602, -3.1081

Protanomaly

204.1540, -23.7399, 7.7579

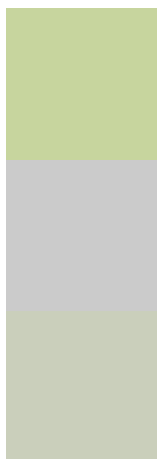
Deuteranomaly

204.9750, -22.1727, 18.4389

Tritanomaly

205.9630, -3.9258, -0.8446

Monochromacy



Original Color

202.5440, -21.9602, -3.1081

Achromatopsia

203.0000, 0.0000, 0.0000

Achromatomaly

203.2250, -7.9989, -1.0743

CSS Examples

Text

The CSS property to change the color of the text to YUV 202.5440, -21.9602, -3.1081 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(199, 213, 158)` looks like.

```
.text, #text, p{  
    color:rgb(199, 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(199, 213, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 213, 158) }
```

Border

The CSS property to change the border of an element to YUV 202.5440, -21.9602, -3.1081 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(199, 213, 158) }
```


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

```
.border{ border-color:rgb(199, 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(199, 213, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 213, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 213, 158);  
box-shadow:4px 4px 4px 4px rgb(199, 213,  
158) }
```

Background

The CSS property to change the background color of an element to YUV 202.5440, -21.9602, -3.1081 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 213, 158) }
```

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

```
.background{ background-color: rgb(199,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor