

Converting Colors

YUV(193.9080, -17.2096,
13.2357)

Have a look what the booklet for
YUV(193.9080, -17.2096, 13.2357)
contains.

YUV(193.9080, -17.2096, 13.2357)	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(193.9080, -17.2096,
13.2357)**

Conversions

Conversions Part 1

Format	Color
Hex	D1C19F
RGB	209, 193, 159
RGB Percent	82%, 76%, 62%
CMY	0.1804, 0.2431, 0.3765
CMYK	0.00, 0.08, 0.24, 0.18
HSL	41°, 35%, 72%
HSV	41°, 24%, 82%
XYZ	51.6225, 54.1984, 40.5414
YIQ	193.9080, 20.4500, -7.1820

Conversions

Conversions Part 2

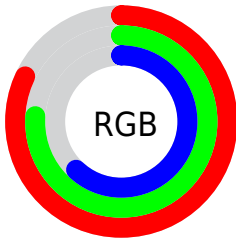
Format	Color
R_{YB}	183, 209, 159
Decimal	13746591
CIE _{Lab}	78.58, 0.29, 19.18
CIE _{LCh}	79, 19.183, 89.146
Yxy	54.1984, 0.3527, 0.3703
Android (android.graphics.Color)	4291936671 (0xFFD1C19F)
YUV	193.9080, -17.2096, 13.2357
Hunter-Lab	73.6196, -3.6691, 18.8834

Details

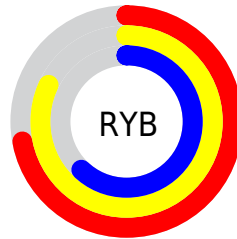
The YUV color $193.9080, -17.2096, 13.2357$ is a light color, and the websafe version is hex $CCCC99$. A complement of this color would be $174.0920, 17.2096, -13.2357$, and the grayscale version is $194.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $246.8040, -16.1724, 7.1879$, and $140.4240, -16.4780, 11.9062$ is the 20% darker color. If you saturate the color by 10%, you get $187.4050, -24.3567, 18.9388$, and if you desaturate by 10%, it is $200.4110, -10.0626, 7.5326$.

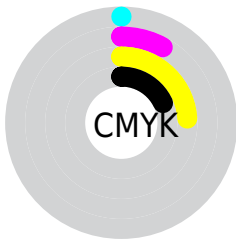
Distribution



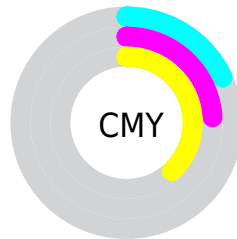
- Red (82%)
- Green (76%)
- Blue (62%)



- Red (72%)
- Yellow (82%)
- Blue (62%)



- Cyan (0%)
- Magenta (8%)
- Yellow (24%)
- Black (18%)



- Cyan (18%)
- Magenta (24%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YUV color 193.9080, -17.2096, 13.2357 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 193.9080, -17.2096, 13.2357 by changing the saturation by 10% instead.

■ 193.9080,
-17.2096, 13.2357

■ 193.9080,
-17.2096, 13.2357

255.0000, 0.0000,
0.0000

■ 166.7230,
-16.6254, 12.5209

■ 246.8040,
-16.1724, 7.1879

■ 140.4240,
-16.4780, 11.9062

■ 253.5180, -5.6784,
1.2997

■ 114.6520,
-15.6044, 11.7062

■ 90.1680, -14.8728,
10.3767

■ 66.3960, -13.9992,
10.1767

■ 43.9120, -13.2676,
8.8472

■ 23.9550, -11.8098,

7.9325

■ 0.0000, 0.0000,
0.0000

■ 193.9080,
-17.2096, 13.2357

■ 193.9080,
-17.2096, 13.2357

■ 187.4050,
-24.3567, 18.9388

■ 200.4110,
-10.0626, 7.5326

■ 181.4890,
-31.7931, 24.1271

■ 206.3270, -2.6262,
2.3442

■ 174.9860,
-38.9401, 29.8303

■ 212.8300, 4.5208,
-3.3589

■ 168.4830,
-46.0871, 35.5334

■ 219.3330, 11.6678,
-9.0620

■ 162.5670,
-53.5235, 40.7217

■ 224.2230, 15.1731,
-13.3506

■ 156.1780,
-60.2338, 46.3249

■ 228.3320, 13.1473,
-16.9542

■ 149.6750,
-67.3808, 52.0280

■ 232.4410, 11.1216,
-20.5578

■ 145.8450,
-71.9016, 55.3869

■ 236.5500, 9.0958,
-24.1614

■ 240.0720, 7.3595,
-27.2501

Harmonies

Analogous

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



195.4410, -15.5004, 25.0462



193.9080, -17.2096, 13.2357



191.9060, -14.2507, -2.5486

Triad

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



193.9080, -17.2096, 13.2357



187.7550, 11.4598, -35.7421



197.7600, 7.5133, 16.8735

Complementary

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



193.9080, -17.2096, 13.2357



174.0920, 17.2096, -13.2357

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.



196.0830, 14.2561, 0.8042



193.9080, -17.2096, 13.2357



189.8680, 16.8271, -30.5792

Square

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



193.9080, -17.2096, 13.2357



188.0840, 2.4236, -30.7687



193.2980, 18.0941, -16.9243



197.6490, -0.8130, 27.4948

Rectangle

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



193.9080, -17.2096, 13.2357



190.6920, -9.7082, -12.8849



193.2980, 18.0941, -16.9243



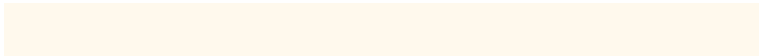
197.1230, 10.2924, 12.1701

Sweetspot

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



193.9080, -17.2096, 13.2357



249.4260, -6.1260, 4.8884



175.8880, 0.0552, 29.0392



124.3980, -3.6472, 3.1590



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.



193.9080, -17.2096, 13.2357



232.4760, -25.3777, 19.7535



200.9080, -20.6606, 0.0807



101.3980, -3.6472, 3.1590



117.1500, -57.7549, 44.5955



28.6950, -14.1466, 10.7915

Inverse Universe

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



174.0920, 17.2096, -13.2357



203.5240, 25.3777, -19.7535



167.0920, 20.6606, -0.0807



97.0150, 3.9366, -2.6442



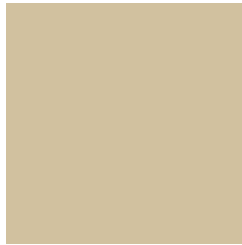
50.8500, 57.7550, -44.5954



12.3050, 14.1466, -10.7915

Previews

White Background



This preview shows how the YUV color 193.9080, -17.2096, 13.2357 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 193.9080, -17.2096, 13.2357 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

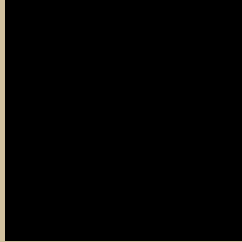
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 193.9080, -17.2096, 13.2357

Background



This preview shows how black text looks on a background with the YUV color 193.9080, -17.2096, 13.2357.



This preview shows how white text looks on a background with the YUV color 193.9080, -17.2096, 13.2357.

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

193.9080, -17.2096, 13.2357

Protanopia

193.7120, -16.6200, 10.7766

Deuteranopia

195.2840, -17.3950, 26.0609



Tritanopia

196.7830, 2.5720, 15.0993

Trichromacy



Original Color

193.9080, -17.2096, 13.2357

Protanomaly

194.0110, -16.7674, 11.3914

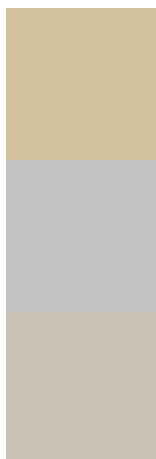
Deuteranomaly

194.6640, -17.0894, 21.3427

Tritanomaly

195.5350, -4.7008, 14.4398

Monochromacy



Original Color

193.9080, -17.2096, 13.2357

Achromatopsia

194.0000, 0.0000, 0.0000

Achromatomaly

194.0130, -6.4154, 4.3736

CSS Examples

Text

The CSS property to change the color of the text to YUV 193.9080, -17.2096, 13.2357 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(209, 193, 159)` looks like.

```
.text, #text, p{  
    color:rgb(209, 193, 159)  
}
```

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(209, 193, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 193, 159) }
```

Border

The CSS property to change the border of an element to YUV 193.9080, -17.2096, 13.2357 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(209, 193, 159) }
```


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

```
.border{ border-color:rgb(209, 193, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 193, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 193, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 193, 159);  
box-shadow:4px 4px 4px 4px rgb(209, 193,  
159) }
```

Background

The CSS property to change the background color of an element to YUV 193.9080, -17.2096, 13.2357 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 193, 159) }
```

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

```
.background{ background-color: rgb(209,  
193, 159) }
```

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