

Converting Colors

YUV(202.3820, -19.4153,
20.7130)

Have a look what the booklet for
YUV(202.3820, -19.4153, 20.7130)
contains.

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Color

**YUV(202.3820, -19.4153,
20.7130)**

Conversions

Conversions Part 1

Format	Color
Hex	E2C6A3
RGB	226, 198, 163
RGB Percent	89%, 78%, 64%
CMY	0.1137, 0.2235, 0.3608
CMYK	0.00, 0.12, 0.28, 0.11
HSL	33°, 52%, 76%
HSV	33°, 28%, 89%
XYZ	58.1690, 59.2013, 43.0115
YIQ	202.3820, 27.9230, -4.9490

Conversions

Conversions Part 2

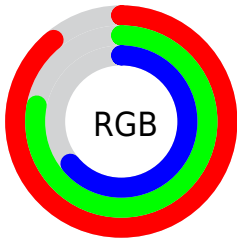
Format	Color
RYB	213, 226, 163
Decimal	14861987
CIELab	81.40, 4.67, 21.19
CIElCh	81, 21.696, 77.562
Yxy	59.2013, 0.3627, 0.3691
Android (android.graphics.Color)	4293052067 (0xFFE2C6A3)
YUV	202.3820, -19.4153, 20.7130
Hunter-Lab	76.9424, 0.2982, 20.7160

Details

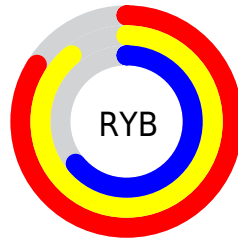
The YUV color $202.3820, -19.4153, 20.7130$ is a light color, and the websafe version is hex $CCCC99$. A complement of this color would be $186.6180, 19.4153, -20.7130$, and the grayscale version is $203.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $250.7820, -16.1615, 3.6992$, and $148.0120, -18.2469, 19.2835$ is the 20% darker color. If you saturate the color by 10%, you get $193.8900, -26.5678, 28.1605$, and if you desaturate by 10%, it is $210.8740, -12.2629, 13.2655$.

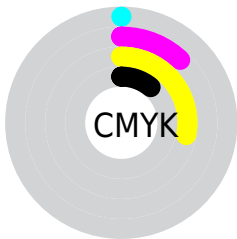
Distribution



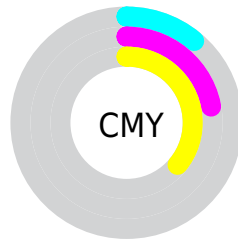
- Red (89%)
- Green (78%)
- Blue (64%)



- Red (84%)
- Yellow (89%)
- Blue (64%)



- Cyan (0%)
- Magenta (12%)
- Yellow (28%)
- Black (11%)



- Cyan (11%)
- Magenta (22%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YUV color 202.3820, -19.4153, 20.7130 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 202.3820, -19.4153, 20.7130 by changing the saturation by 10% instead.

■ 202.3820,
-19.4153, 20.7130

■ 202.3820,
-19.4153, 20.7130

255.0000, 0.0000,
0.0000

■ 175.1970,
-18.8311, 19.9982

■ 250.7820,
-16.1615, 3.6992

■ 148.0120,
-18.2469, 19.2835

■ 254.0880, -3.4944,
0.7998

■ 122.5280,
-17.5153, 17.9539

■ 97.3430, -16.9311,
17.2392

■ 72.9730, -15.7627,
15.8097

■ 50.4890, -15.0311,
14.4801

■ 29.0050, -14.2995,

13.1506

■ 5.9690, -2.9427,
10.5512

■ 0.0000, 0.0000,
0.0000

■ 202.3820,
-19.4153, 20.7130

■ 202.3820,
-19.4153, 20.7130

■ 193.8900,
-26.5678, 28.1605

■ 210.8740,
-12.2629, 13.2655

■ 185.5120,
-33.2834, 35.5080

■ 219.2520, -5.5472,
5.9180

■ 177.0200,
-40.4359, 42.9555

■ 227.7440, 1.6052,
-1.5295

■ 168.6420,
-47.1515, 50.3030

■ 236.1220, 8.3209,
-8.8770

■ 160.1500,
-54.3039, 57.7505

■ 242.2200, 6.3005,
-14.2249

■ 151.6580,
-61.4564, 65.1979

■ 246.3290, 4.2748,
-17.8285

■ 143.2800,
-68.1720, 72.5454

■ 141.5360,
-69.7772, 74.0749

Harmonies

Analogous

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



204.1860, -15.3747, 31.4089



202.3820, -19.4153, 20.7130



200.2120, -18.3455, 4.1991

Triad

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



202.3820, -19.4153, 20.7130



194.2660, 9.7289, -40.5753



205.2910, 12.1815, 12.8998

Complementary

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



202.3820, -19.4153, 20.7130



186.6180, 19.4153, -20.7130

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.



203.1790, 18.6458, -7.1730



202.3820, -19.4153, 20.7130



195.6280, 17.4384, -40.0158

Square

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



202.3820, -19.4153, 20.7130



195.1720, -1.0708, -29.9688



199.5140, 20.4526, -26.7608



206.2730, 2.8234, 27.8246

Rectangle

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



202.3820, -19.4153, 20.7130



198.8730, -14.2344, -7.7816



199.5140, 20.4526, -26.7608



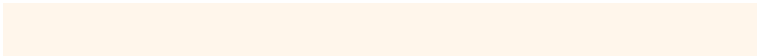
204.5290, 14.5292, 6.5521

Sweetspot

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



202.3820, -19.4153, 20.7130



247.4370, -6.1314, 6.6328



185.0290, 2.9437, 35.9316



122.9960, -3.9420, 4.3885



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.



202.3820, -19.4153, 20.7130



223.7050, -25.9836, 27.4457



217.9210, -27.0761, 4.4543



107.8110, -3.3578, 3.6738



110.1500, -54.3039, 57.7505



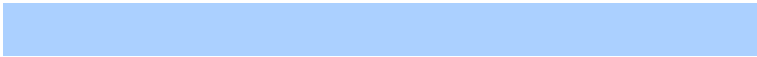
30.2010, -14.8891, 15.6097

Inverse Universe

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



186.6180, 19.4153, -20.7130



202.2950, 25.9836, -27.4457



171.0790, 27.0761, -4.4543



105.1890, 3.3578, -3.6738



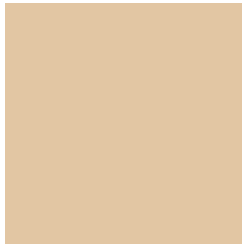
65.8500, 54.3040, -57.7504



18.3860, 14.5997, -16.1245

Previews

White Background



This preview shows how the YUV color 202.3820, -19.4153, 20.7130 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 202.3820, -19.4153, 20.7130 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

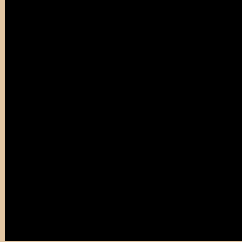
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 202.3820, -19.4153, 20.7130

Background



This preview shows how black text looks on a background with the YUV color 202.3820, -19.4153, 20.7130.



This preview shows how white text looks on a background with the YUV color 202.3820, -19.4153,

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

202.3820, -19.4153, 20.7130

Protanopia

201.3700, -17.9304, 11.0765

Deuteranopia

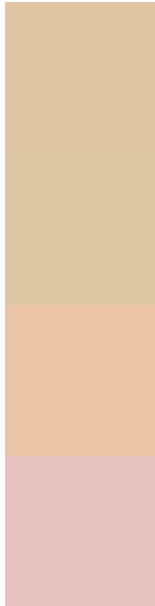
202.8390, -19.1476, 28.2052



Tritanopia

205.3710, 0.8031, 22.4766

Trichromacy



Original Color

202.3820, -19.4153, 20.7130

Protanomaly

201.8650, -18.6674, 14.1504

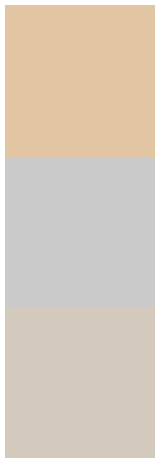
Deuteranomaly

202.5290, -18.9948, 25.8461

Tritanomaly

204.1230, -6.4696, 21.8171

Monochromacy



Original Color

202.3820, -19.4153, 20.7130

Achromatopsia

202.0000, 0.0000, 0.0000

Achromatomaly

202.5080, -7.1524, 7.4475

CSS Examples

Text

The CSS property to change the color of the text to YUV 202.3820, -19.4153, 20.7130 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(226, 198, 163)` looks like.

```
.text, #text, p{  
    color:rgb(226, 198, 163)  
}
```

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(226, 198, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 198, 163) }
```

Border

The CSS property to change the border of an element to YUV 202.3820, -19.4153, 20.7130 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(226, 198, 163) }
```


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

```
.border{ border-color:rgb(226, 198, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 198, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 198, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 198, 163);  
box-shadow:4px 4px 4px 4px rgb(226, 198,  
163) }
```

Background

The CSS property to change the background color of an element to YUV 202.3820, -19.4153, 20.7130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 198, 163) }
```

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

```
.background{ background-color: rgb(226,  
198, 163) }
```

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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