

Converting Colors

YUV(201.2680, -19.8521,
20.8130)

Have a look what the booklet for
YUV(201.2680, -19.8521, 20.8130)
contains.

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Color

**YUV(201.2680, -19.8521,
20.8130)**

Conversions

Conversions Part 1

Format	Color
Hex	E1C5A1
RGB	225, 197, 161
RGB Percent	88%, 77%, 63%
CMY	0.1176, 0.2275, 0.3686
CMYK	0.00, 0.12, 0.28, 0.12
HSL	34°, 52%, 76%
HSV	34°, 28%, 88%
XYZ	57.4506, 58.5133, 41.9844
YIQ	201.2680, 28.2440, -5.2600

Conversions

Conversions Part 2

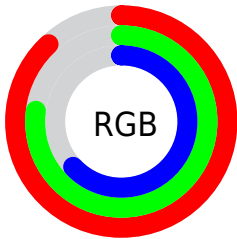
Format	Color
R _Y B	211, 225, 161
Decimal	14796193
CIE Lab	81.02, 4.55, 21.71
CIE LCh	81, 22.183, 78.161
Yxy	58.5133, 0.3637, 0.3705
Android (android.graphics.Color)	4292986273 (0xFFE1C5A1)
YUV	201.2680, -19.8521, 20.8130
Hunter-Lab	76.4940, 0.1976, 21.0039

Details

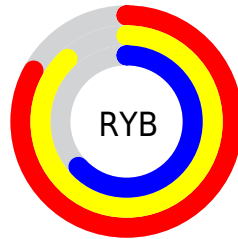
The YUV color $201.2680, -19.8521, 20.8130$ is a light color, and the websafe version is hex $CCCC99$. A complement of this color would be $184.7320, 19.8521, -20.8130$, and the grayscale version is $201.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $249.9670, -16.7457, 4.4139$, and $146.8980, -18.6837, 19.3835$ is the 20% darker color. If you saturate the color by 10%, you get $192.8900, -26.5678, 28.1605$, and if you desaturate by 10%, it is $209.7600, -12.6997, 13.3655$.

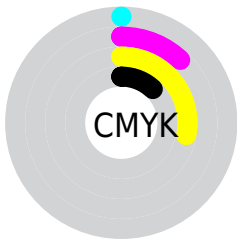
Distribution



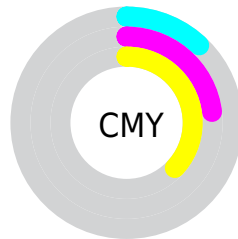
- Red (88%)
- Green (77%)
- Blue (63%)



- Red (83%)
- Yellow (88%)
- Blue (63%)



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



- Cyan (12%)
- Magenta (23%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the YUV color 201.2680, -19.8521, 20.8130 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 201.2680, -19.8521, 20.8130 by changing the saturation by 10% instead.

■ 201.2680,
-19.8521, 20.8130

■ 201.2680,
-19.8521, 20.8130

255.0000, 0.0000,
0.0000

■ 174.0830,
-19.2679, 20.0982

■ 249.9670,
-16.7457, 4.4139

■ 146.8980,
-18.6837, 19.3835

■ 253.7460, -4.8048,
1.0998

■ 121.4140,
-17.9521, 18.0539

■ 96.2290, -17.3679,
17.3392

■ 72.4460, -16.4889,
15.3949

■ 49.3750, -15.4679,
14.5801

■ 28.7060, -14.1521,

12.5358

■ 4.7840, -2.3585,
9.8364

■ 0.0000, 0.0000,
0.0000

■ 201.2680,
-19.8521, 20.8130

■ 201.2680,
-19.8521, 20.8130

■ 192.8900,
-26.5678, 28.1605

■ 209.7600,
-12.6997, 13.3655

■ 184.3980,
-33.7202, 35.6080

■ 218.1380, -5.9840,
6.0180

■ 176.0200,
-40.4359, 42.9555

■ 226.5160, 0.7316,
-1.3295

■ 168.1150,
-47.8777, 49.8881

■ 234.4210, 8.1734,
-8.2622

■ 159.7370,
-54.5933, 57.2357

■ 240.7470, 7.0267,
-13.8101

■ 151.2450,
-61.7458, 64.6831

■ 246.0300, 4.4222,
-18.4433

■ 142.7530,
-68.8982, 72.1306

■ 141.8240,
-69.9192, 72.9454

Harmonies

Analogous

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



203.3710, -15.9589, 32.1236



201.2680, -19.8521, 20.8130



199.2120, -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.



201.2680, -19.8521, 20.8130



192.6680, 10.0237, -41.8048



204.5900, 12.0341, 13.5146

Complementary

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



201.2680, -19.8521, 20.8130



184.7320, 19.8521, -20.8130

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.



202.1790, 18.6458, -7.1730



201.2680, -19.8521, 20.8130



194.4430, 18.0226, -40.7305

Square

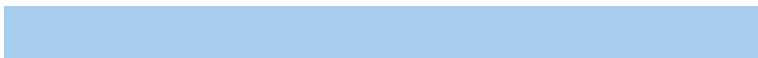
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



201.2680, -19.8521, 20.8130



194.1610, -1.0654, -31.7132



198.3290, 21.0368, -27.4755



204.8710, 2.5286, 29.0541

Rectangle

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



201.2680, -19.8521, 20.8130



197.4600, -14.5238, -8.2964



198.3290, 21.0368, -27.4755



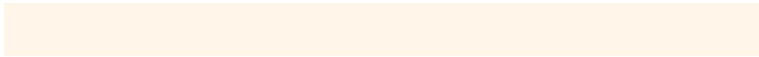
203.9420, 14.8186, 7.0669

Sweetspot

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



201.2680, -19.8521, 20.8130



246.5080, -7.1524, 7.4475



183.4420, 3.2331, 36.4464



122.1810, -4.5262, 5.1033



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.



201.2680, -19.8521, 20.8130



222.7760, -27.0046, 28.2604



216.8070, -27.5129, 4.5543



107.8110, -3.3578, 3.6738



110.7370, -54.5933, 57.2357



30.2010, -14.8891, 15.6097

Inverse Universe

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



184.7320, 19.8521, -20.8130



200.2240, 27.0046, -28.2604



169.1930, 27.5129, -4.5543



105.1890, 3.3578, -3.6738



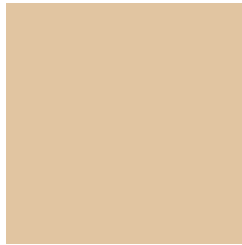
65.2630, 54.5933, -57.2357



17.7990, 14.8891, -15.6097

Previews

White Background



This preview shows how the YUV color 201.2680, -19.8521, 20.8130 looks on a white background.

Color Contrast Check

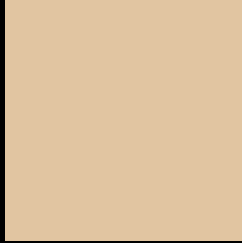
Large Text (above 18pt) WCAG AA × Fail

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 201.2680, -19.8521, 20.8130 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

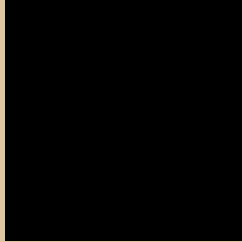
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 201.2680, -19.8521, 20.8130

Background



This preview shows how black text looks on a background with the YUV color 201.2680, -19.8521, 20.8130.



This preview shows how white text looks on a background with the YUV color 201.2680, -19.8521,

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

201.2680, -19.8521, 20.8130

Protanopia

200.2560, -18.3672, 11.1765

Deuteranopia

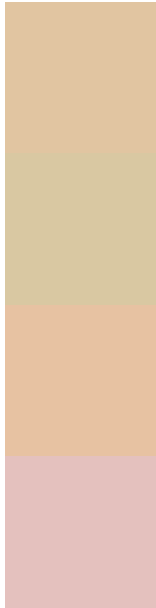
201.7250, -19.5844, 28.3052



Tritanopia

204.3710, 0.8031, 22.4766

Trichromacy



Original Color

201.2680, -19.8521, 20.8130

Protanomaly

200.7510, -19.1042, 14.2504

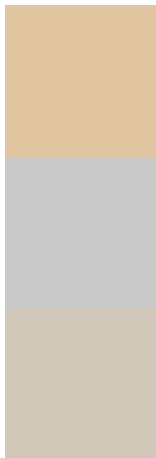
Deuteranomaly

201.4150, -19.4316, 25.9460

Tritanomaly

203.1230, -6.4696, 21.8171

Monochromacy



Original Color

201.2680, -19.8521, 20.8130

Achromatopsia

201.0000, 0.0000, 0.0000

Achromatomaly

201.3940, -7.5892, 7.5475

CSS Examples

Text

The CSS property to change the color of the text to YUV 201.2680, -19.8521, 20.8130 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(225, 197, 161)` looks like.

```
.text, #text, p{  
    color:rgb(225, 197, 161)  
}
```

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(225, 197, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 197, 161) }
```

Border

The CSS property to change the border of an element to YUV 201.2680, -19.8521, 20.8130 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(225, 197, 161) }
```


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

```
.border{ border-color:rgb(225, 197, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 197, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 197, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 197, 161);  
box-shadow:4px 4px 4px 4px rgb(225, 197,  
161) }
```

Background

The CSS property to change the background color of an element to YUV 201.2680, -19.8521, 20.8130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 197, 161) }
```

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

```
.background{ background-color: rgb(225,  
197, 161) }
```

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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