

Converting Colors

YUV(201.3270, -36.1502,
21.6382)

Have a look what the booklet for
YUV(201.3270, -36.1502, 21.6382)
contains.

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Color

**YUV(201.3270, -36.1502,
21.6382)**

Conversions

Conversions Part 1

Format	Color
Hex	E2CB80
RGB	226, 203, 128
RGB Percent	89%, 80%, 50%
CMY	0.1137, 0.2039, 0.4980
CMYK	0.00, 0.10, 0.43, 0.11
HSL	46°, 63%, 69%
HSV	46°, 43%, 89%
XYZ	56.6162, 60.4391, 29.1040
YIQ	201.3270, 37.7830, -18.4490

Conversions

Conversions Part 2

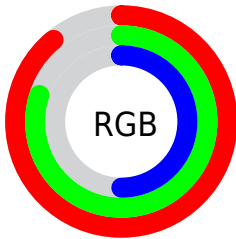
Format	Color
R _Y B	158, 226, 128
Decimal	14863232
CIE Lab	82.08, -2.04, 40.26
CIE LCh	82, 40.316, 92.906
Yxy	60.4391, 0.3874, 0.4135
Android (android.graphics.Color)	4293053312 (0xFFE2CB80)
YUV	201.3270, -36.1502, 21.6382
Hunter-Lab	77.7426, -6.0565, 32.2238

Details

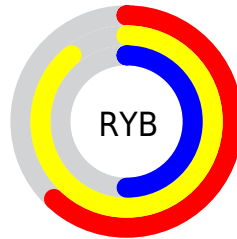
The YUV color $201.3270, -36.1502, 21.6382$ is a light color, and the websafe version is hex $CCCC66$. A complement of this color would be $152.6730, 36.1502, -21.6382$, and the grayscale version is $202.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $246.6780, -31.8863, 7.2984$, and $146.7720, -34.3976, 19.4940$ is the 20% darker color. If you saturate the color by 10%, you get $195.7700, -44.7496, 26.5117$, and if you desaturate by 10%, it is $206.8840, -27.5508, 16.7647$.

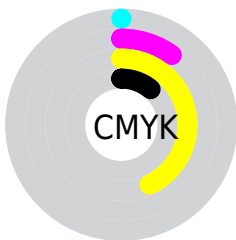
Distribution



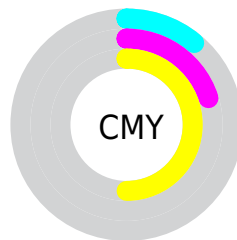
- Red (89%)
- Green (80%)
- Blue (50%)



- Red (62%)
- Yellow (89%)
- Blue (50%)



- Cyan (0%)
- Magenta (10%)
- Yellow (43%)
- Black (11%)



- Cyan (11%)
- Magenta (20%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YUV color 201.3270, -36.1502, 21.6382 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 201.3270, -36.1502, 21.6382 by changing the saturation by 10% instead.

■ 201.3270,
-36.1502, 21.6382

■ 201.3270,
-36.1502, 21.6382

255.0000, 0.0000,
0.0000

■ 173.8430,
-35.4186, 20.3087

■ 246.6780,
-31.8863, 7.2984

■ 146.7720,
-34.3976, 19.4940

■ 249.8700,
-19.6559, 4.4990

■ 120.4020,
-33.2292, 18.0644

■ 253.0620, -7.4256,
1.6996

■ 95.3910, -33.2238,
16.3201

■ 70.4510, -34.2393,
15.3905

■ 50.2470, -24.7718,
12.0614

■ 30.1460, -14.8620,

6.8880

■ 7.0770, -3.4890,
-0.9445

■ 0.0000, 0.0000,
0.0000

■ 201.3270,
-36.1502, 21.6382

■ 201.3270,
-36.1502, 21.6382

■ 195.7700,
-44.7496, 26.5117

■ 206.8840,
-27.5508, 16.7647

■ 189.7400,
-52.6228, 31.8000

■ 212.9140,
-19.6776, 11.4764

■ 184.1830,
-61.2222, 36.6735

■ 218.4710,
-11.0782, 6.6029

■ 178.7400,
-69.3848, 41.4470

■ 223.9140, -2.9156,
1.8294

■ 172.5960,
-77.6948, 46.8353

■ 230.0580, 5.3944,
-3.5589

■ 169.1250,
-83.3786, 49.8794

■ 234.5890, 10.0626,
-7.5326

■ 237.5240, 8.6157,
-10.1065

■ 240.4590, 7.1687,
-12.6805

■ 243.9810, 5.4324,
-15.7693

Harmonies

Analogous

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



203.5070, -32.2950, 45.1594



201.3270, -36.1502, 21.6382



197.0780, -28.6325, -9.7154

Triad

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



201.3270, -36.1502, 21.6382



176.9560, 33.0527, -101.6934



209.7380, 14.4262, 39.6948

Complementary

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



201.3270, -36.1502, 21.6382



152.6730, 36.1502, -21.6382

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.



206.3470, 23.9859, 6.7117



201.3270, -36.1502, 21.6382



185.1530, 34.4346, -78.1872

Square

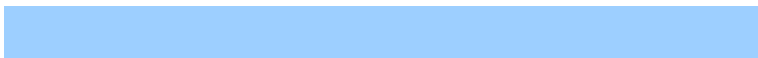
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



201.3270, -36.1502, 21.6382



183.4800, 11.5954, -79.3510



197.5220, 28.3367, -35.5378



201.9980, 0.0010, 46.4828

Rectangle

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



201.3270, -36.1502, 21.6382



193.0950, -17.7948, -32.5323



197.5220, 28.3367, -35.5378



209.1650, 20.1317, 29.6733

Sweetspot

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



201.3270, -36.1502, 21.6382



246.5420, -12.0992, 7.4177



160.1520, -3.5259, 57.7487



122.6710, -7.7258, 4.6735



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.



201.3270, -36.1502, 21.6382



221.6410, -49.1230, 29.2558



207.6520, -39.2684, -4.9568



109.5720, -4.2260, 2.1294



131.8690, -65.0114, 38.7029



36.0710, -17.7830, 10.4617

Inverse Universe

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



152.6730, 36.1502, -21.6382



155.9460, 48.8336, -29.7706



146.6470, 39.1210, 5.5716



104.0150, 3.9366, -2.6442



44.1310, 65.0114, -38.7029



11.9290, 17.7830, -10.4617

Previews

White Background



This preview shows how the YUV color 201.3270, -36.1502, 21.6382 looks on a white background.

Color Contrast Check

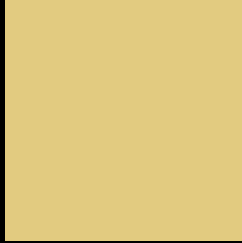
Large Text (above 18pt) WCAG AA × Fail

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 201.3270, -36.1502, 21.6382 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

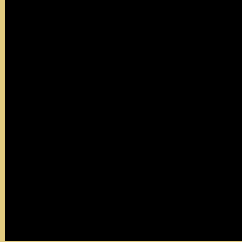
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 201.3270, -36.1502, 21.6382

Background



This preview shows how black text looks on a background with the YUV color 201.3270, -36.1502, 21.6382.

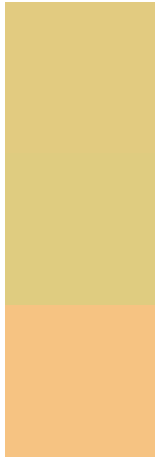


This preview shows how white text looks on a background with the YUV color 201.3270, -36.1502,

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

201.3270, -36.1502, 21.6382

Protanopia

201.0170, -35.9974, 19.2791

Deuteranopia

202.8390, -35.9096, 37.8522



Tritanopia

206.9690, 0.5083, 23.7062

Trichromacy



Original Color

201.3270, -36.1502, 21.6382

Protanomaly

201.3160, -36.1448, 19.8939

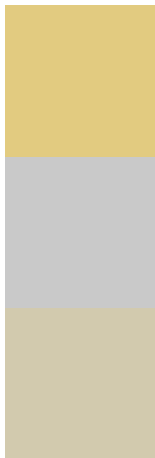
Deuteranomaly

202.3930, -36.1827, 32.1043

Tritanomaly

205.1140, -12.8742, 22.7020

Monochromacy



Original Color

201.3270, -36.1502, 21.6382

Achromatopsia

201.0000, 0.0000, 0.0000

Achromatomaly

201.2000, -13.4096, 7.7176

CSS Examples

Text

The CSS property to change the color of the text to YUV 201.3270, -36.1502, 21.6382 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, 203, 128)` looks like.

```
.text, #text, p{  
    color:rgb(226, 203, 128)  
}
```

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, 203, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 203, 128) }
```

Border

The CSS property to change the border of an element to YUV 201.3270, -36.1502, 21.6382 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, 203, 128) }
```


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

```
.border{ border-color:rgb(226, 203, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 203, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 203, 128); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 203, 128); box-shadow:4px 4px 4px 4px rgb(226, 203, 128) }
```

Background

The CSS property to change the background color of an element to YUV 201.3270, -36.1502, 21.6382 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 203, 128) }
```

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

```
.background{ background-color: rgb(226,  
203, 128) }
```

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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