

Converting Colors

YUV(198.1250, -36.5436,
7.7834)

Have a look what the booklet for
YUV(198.1250, -36.5436, 7.7834)
contains.

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Color

**YUV(198.1250, -36.5436,
7.7834)**

Conversions

Conversions Part 1

Format	Color
Hex	CFD07C
RGB	207, 208, 124
RGB Percent	81%, 82%, 49%
CMY	0.1882, 0.1843, 0.5137
CMYK	0.00, 0.00, 0.40, 0.18
HSL	61°, 47%, 65%
HSV	61°, 40%, 82%
XYZ	51.9261, 59.8324, 27.8808
YIQ	198.1250, 26.3680, -26.3360

Conversions

Conversions Part 2

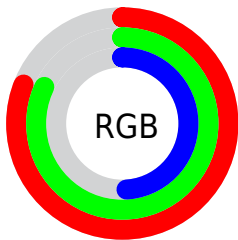
Format	Color
RYB	124, 208, 125
Decimal	13619324
CIELab	81.75, -12.58, 41.53
CIELCh	82, 43.390, 106.851
Yxy	59.8324, 0.3719, 0.4285
Android (android.graphics.Color)	4291809404 (0xFFCFD07C)
YUV	198.1250, -36.5436, 7.7834
Hunter-Lab	77.3514, -15.5377, 32.7753

Details

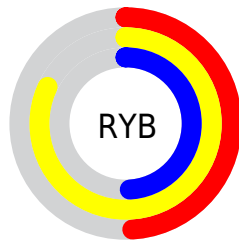
The YUV color $198.1250, -36.5436, 7.7834$ is a light color, and the websafe version is hex $CCCC66$. A complement of this color would be $133.8750, 36.5436, -7.7834$, and the grayscale version is $198.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $246.2220, -33.6334, 7.6983$, and $143.8690, -34.9384, 6.2539$ is the 20% darker color. If you saturate the color by 10%, you get $195.7310, -45.7164, 9.8829$, and if you desaturate by 10%, it is $200.5190, -27.3709, 5.6838$.

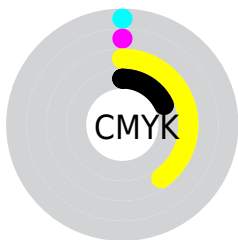
Distribution



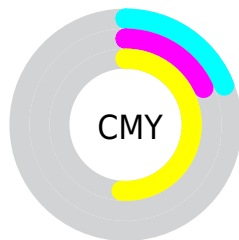
- Red (81%)
- Green (82%)
- Blue (49%)



- Red (49%)
- Yellow (82%)
- Blue (49%)



- Cyan (0%)
- Magenta (0%)
- Yellow (40%)
- Black (18%)



- Cyan (19%)
- Magenta (18%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YUV color 198.1250, -36.5436, 7.7834 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 198.1250, -36.5436, 7.7834 by changing the saturation by 10% instead.

■ 198.1250,
-36.5436, 7.7834

■ 198.1250,
-36.5436, 7.7834

255.0000, 0.0000,
0.0000

■ 170.9400,
-35.9594, 7.0686

■ 246.2220,
-33.6334, 7.6983

■ 143.8690,
-34.9384, 6.2539

■ 249.4140,
-21.4031, 4.8989

■ 117.6840,
-34.3542, 5.5391

■ 252.6060, -9.1728,
2.0995

■ 92.3850, -34.2068,
4.9244

■ 68.2000, -33.6226,
4.2096

■ 47.5230, -23.4288,
1.2953

■ 27.7210, -13.6665,

-3.2633

■ 7.0440, -3.4727,
-6.1776

■ 0.0000, 0.0000,
0.0000

■ 198.1250,
-36.5436, 7.7834

■ 198.1250,
-36.5436, 7.7834

■ 195.7310,
-45.7164, 9.8829

■ 200.5190,
-27.3709, 5.6838

■ 193.3370,
-54.8891, 11.9825

■ 202.9130,
-18.1981, 3.5843

■ 190.7580,
-63.4777, 13.3672

■ 205.4920, -9.6096,
2.1995

■ 188.3640,
-72.6505, 15.4668

■ 207.8860, -0.4368,
0.1000

■ 185.9700,
-81.8232, 17.5663

■ 210.2800, 8.7360,
-1.9996

■ 183.6900,
-90.5592, 19.5659

■ 212.6740, 17.9087,
-4.0991

■ 213.6570, 20.3821,
-4.0842

Harmonies

Analogous

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



202.1550, -38.5304, 38.4521



198.1250, -36.5436, 7.7834



192.7490, -23.0473, -27.8439

Triad

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



198.1250, -36.5436, 7.7834



168.9630, 42.4162, -118.3626



203.2180, 9.7525, 45.4128

Complementary

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



198.1250, -36.5436, 7.7834



133.8750, 36.5436, -7.7834

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.



207.6420, 23.3475, 24.8700



198.1250, -36.5436, 7.7834



187.5890, 33.2336, -66.2916

Square

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



198.1250, -36.5436, 7.7834



171.4790, 26.3859, -110.0451



200.0020, 27.1140, -16.6648



197.9570, -7.8668, 50.0267

Rectangle

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



198.1250, -36.5436, 7.7834



187.6670, -8.7098, -53.2050



200.0020, 27.1140, -16.6648



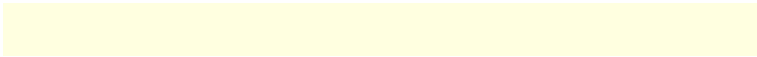
206.4610, 14.5627, 42.5687

Sweetspot

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



198.1250, -36.5436, 7.7834



251.4660, -13.5407, 3.0993



149.1160, -12.3822, 51.6413



125.6490, -7.7150, 1.1848



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.



198.1250, -36.5436, 7.7834



240.7930, -53.1419, 11.5825



185.8660, -30.4999, -17.4225



103.4470, -4.6574, 0.4850



148.2500, -73.0872, 15.5668



36.0270, -17.7613, 3.4843

Inverse Universe

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



133.8750, 36.5436, -7.7834



147.2070, 53.1419, -11.5825



146.1340, 30.4999, 17.4225



95.2540, 4.8048, -1.0998



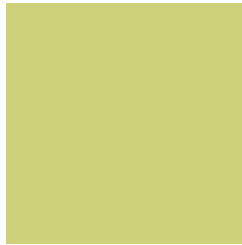
19.7500, 73.0872, -15.5668



4.6740, 17.9087, -4.0991

Previews

White Background



This preview shows how the YUV color 198.1250, -36.5436, 7.7834 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 198.1250, -36.5436, 7.7834 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

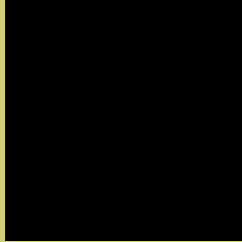
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 198.1250, -36.5436, 7.7834

Background



This preview shows how black text looks on a background with the YUV color 198.1250, -36.5436, 7.7834.



This preview shows how white text looks on a background with the YUV color 198.1250, -36.5436, 7.7834.

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

198.1250, -36.5436, 7.7834

Protanopia

199.4470, -38.1814, 19.7790

Deuteranopia

201.6110, -36.7832, 38.0522



Tritanopia

204.8040, 4.0406, 10.6959

Trichromacy



Original Color

198.1250, -36.5436, 7.7834

Protanomaly

199.2400, -37.5863, 15.5755

Deuteranomaly

200.2460, -36.6033, 26.9713

Tritanomaly

202.3080, -10.5048, 9.3769

Monochromacy



Original Color

198.1250, -36.5436, 7.7834

Achromatopsia

198.0000, 0.0000, 0.0000

Achromatomaly

198.1670, -13.3933, 2.4845

CSS Examples

Text

The CSS property to change the color of the text to YUV 198.1250, -36.5436, 7.7834 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(207, 208, 124)` looks like.

```
.text, #text, p{  
    color:rgb(207, 208, 124)  
}
```

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(207, 208, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 208, 124) }
```

Border

The CSS property to change the border of an element to YUV 198.1250, -36.5436, 7.7834 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(207, 208, 124) }
```


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

```
.border{ border-color:rgb(207, 208, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 208, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 208, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 208, 124);  
box-shadow:4px 4px 4px 4px rgb(207, 208,  
124) }
```

Background

The CSS property to change the background color of an element to YUV 198.1250, -36.5436, 7.7834 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 208, 124) }
```

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

```
.background{ background-color: rgb(207,  
208, 124) }
```

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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