

Converting Colors

YUV(196.7850, -14.1910,
-21.7364)

Have a look what the booklet for
YUV(196.7850, -14.1910, -21.7364)
contains.

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Color

**YUV(196.7850, -14.1910,
-21.7364)**

Conversions

Conversions Part 1

Format	Color
Hex	ACD7A8
RGB	172, 215, 168
RGB Percent	67%, 84%, 66%
CMY	0.3255, 0.1569, 0.3412
CMYK	0.20, 0.00, 0.22, 0.16
HSL	115°, 37%, 75%
HSV	115°, 22%, 84%
XYZ	48.3816, 60.1987, 46.1153
YIQ	196.7850, -10.5410, -23.7330

Conversions

Conversions Part 2

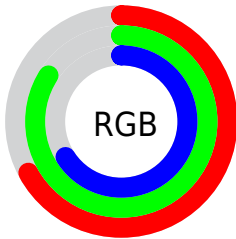
Format	Color
RYB	168, 215, 211
Decimal	11327400
CIELab	81.95, -22.96, 18.68
CIELCh	82, 29.594, 140.870
Yxy	60.1987, 0.3128, 0.3891
Android (android.graphics.Color)	4289517480 (0xFFACD7A8)
YUV	196.7850, -14.1910, -21.7364
Hunter-Lab	77.5878, -24.4711, 19.0717

Details

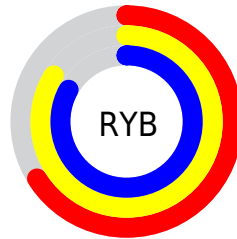
The YUV color **196.7850, -14.1910, -21.7364** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **186.2150, 14.1910, 21.7364**, and the grayscale version is **197.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **243.2790, -9.9975, -13.3997**, and **142.7250, -13.1754, -20.8068** is the 20% darker color. If you saturate the color by 10%, you get **188.4110, -20.4156, -31.9324**, and if you desaturate by 10%, it is **205.2730, -7.5296, -11.6404**.

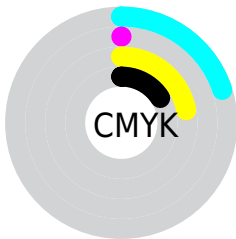
Distribution



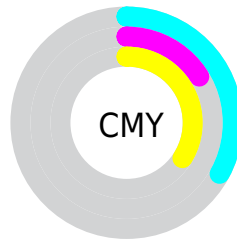
- Red (67%)
- Green (84%)
- Blue (66%)



- Red (66%)
- Yellow (84%)
- Blue (83%)



- Cyan (20%)
- Magenta (0%)
- Yellow (22%)
- Black (16%)



- Cyan (33%)
- Magenta (16%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the YUV color 196.7850, -14.1910, -21.7364 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 196.7850, -14.1910, -21.7364 by changing the saturation by 10% instead.

■ 196.7850,
-14.1910, -21.7364

■ 196.7850,
-14.1910, -21.7364

255.0000, 0.0000,
0.0000

■ 169.1980,
-13.9016, -21.2216

■ 243.2790, -9.9975,
-13.3997

■ 142.7250,
-13.1754, -20.8068

■ 254.6580, -1.3104,
0.2999

■ 117.1380,
-12.8860, -20.2920

■ 91.6650, -12.1598,
-19.8772

■ 67.8930, -11.2862,
-20.0772

■ 44.1210, -10.4127,
-20.2771

■ 22.6050, -11.1443,

-18.9476

■ 7.6310, -3.7621,
-6.6924

■ 0.0000, 0.0000,
0.0000

■ 196.7850,
-14.1910, -21.7364

■ 196.7850,
-14.1910, -21.7364

■ 188.4110,
-20.4156, -31.9324

■ 205.2730, -7.5296,
-11.6404

■ 180.2220,
-27.2244, -41.4137

■ 213.3480, -1.1576,
-2.0592

■ 171.7340,
-33.8859, -51.5097

■ 221.8360, 5.5039,
8.0368

■ 163.3600,
-40.1105, -61.7057

■ 230.2100, 11.7285,
18.2328

■ 155.2850,
-46.4825, -71.2869

■ 231.5200, 11.5756,
20.5920

■ 146.7970,
-53.1439, -81.3830

■ 138.3090,
-59.8053, -91.4790

■ 131.5870,
-64.8724, -99.6158

Harmonies

Analogous

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



200.4200, -23.8711, 3.1397



196.7850, -14.1910, -21.7364



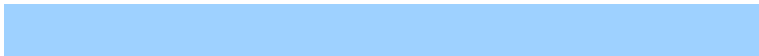
193.1270, 0.4304, -44.8384

Triad

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



196.7850, -14.1910, -21.7364



198.9950, 27.6105, -35.9526



205.3430, -10.0291, 43.5492

Complementary

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



196.7850, -14.1910, -21.7364



186.2150, 14.1910, 21.7364

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.



207.9370, 2.4961, 39.5203



196.7850, -14.1910, -21.7364



205.3730, 24.4661, -7.3431

Square

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



196.7850, -14.1910, -21.7364



193.1080, 26.0758, -57.0997



207.8450, 15.3594, 20.3069



205.3460, -21.3696, 40.9156

Rectangle

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



196.7850, -14.1910, -21.7364



190.8080, 10.9407, -55.9596



207.8450, 15.3594, 20.3069



206.3690, -6.0979, 42.6494

Sweetspot

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



196.7850, -14.1910, -21.7364



248.1640, -5.5039, -8.0368



206.7070, -19.0826, 7.2730



123.7560, -3.3307, -5.0480



0.0000, 0.0000, 0.0000



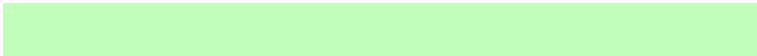
128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



196.7850, -14.1910, -21.7364



229.2370, -19.8368, -30.9028



197.7550, -5.3022, -26.0951



102.7560, -3.3307, -5.0480



104.8620, -51.6970, -78.8090



26.4370, -13.0334, -19.6772

Inverse Universe

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



186.2150, 14.1910, 21.7364



214.4640, 19.9842, 30.2881



185.2450, 5.3022, 26.0951



100.2440, 3.3307, 5.0480



66.1380, 51.6970, 78.8090



16.8620, 12.8860, 20.2920

Previews

White Background



This preview shows how the YUV color 196.7850, -14.1910, -21.7364 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 196.7850, -14.1910, -21.7364 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

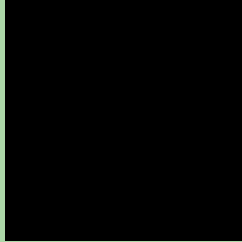
Any Text WCAG AA ✓ Pass

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 196.7850, -14.1910, -21.7364 Background



This preview shows how black text looks on a background with the YUV color 196.7850, -14.1910, -21.7364.



This preview shows how white text looks on a background with the YUV color 196.7850, -14.1910, -21.7364.

-21.7364.

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

196.7850, -14.1910, -21.7364

Protanopia

202.2130, -19.8250, 12.0912

Deuteranopia

204.0390, -15.7952, 26.2758



Tritanopia

201.1640, 11.2581, -17.6838

Trichromacy



Original Color

196.7850, -14.1910, -21.7364

Protanomaly

200.0050, -17.7505, -0.0044

Deuteranomaly

201.1570, -14.8674, 8.6323

Tritanomaly

199.7480, 2.0962, -19.0730

Monochromacy



Original Color

196.7850, -14.1910, -21.7364

Achromatopsia

197.0000, 0.0000, 0.0000

Achromatomaly

197.1640, -5.5039, -8.0368

CSS Examples

Text

The CSS property to change the color of the text to YUV 196.7850, -14.1910, -21.7364 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(172, 215, 168)` looks like.

```
.text, #text, p{  
    color:rgb(172, 215, 168)  
}
```

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(172, 215, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 215, 168) }
```

Border

The CSS property to change the border of an element to YUV 196.7850, -14.1910, -21.7364 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(172, 215, 168) }
```


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

```
.border{ border-color:rgb(172, 215, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 215, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 215, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 215, 168);  
box-shadow:4px 4px 4px 4px rgb(172, 215,  
168) }
```

Background

The CSS property to change the background color of an element to YUV 196.7850, -14.1910, -21.7364 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 215, 168) }
```

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

```
.background{ background-color: rgb(172,  
215, 168) }
```

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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