

Converting Colors

YUV(197.0780, -21.7305,
16.5946)

Have a look what the booklet for
YUV(197.0780, -21.7305, 16.5946)
contains.

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Color

**YUV(197.0780, -21.7305,
16.5946)**

Conversions

Conversions Part 1

Format	Color
Hex	D8C499
RGB	216, 196, 153
RGB Percent	85%, 77%, 60%
CMY	0.1529, 0.2314, 0.4000
CMYK	0.00, 0.09, 0.29, 0.15
HSL	41°, 45%, 72%
HSV	41°, 29%, 85%
XYZ	53.8086, 56.3787, 38.1831
YIQ	197.0780, 25.7230, -9.1330

Conversions

Conversions Part 2

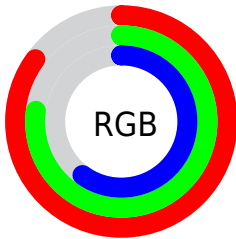
Format	Color
RYB	182, 216, 153
Decimal	14206105
CIELab	79.83, 0.57, 24.18
CIELCh	80, 24.192, 88.649
Yxy	56.3787, 0.3627, 0.3800
Android (android.graphics.Color)	4292396185 (0xFFD8C499)
YUV	197.0780, -21.7305, 16.5946
Hunter-Lab	75.0857, -3.4818, 22.4094

Details

The YUV color $197.0780, -21.7305, 16.5946$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $171.9220, 21.7305, -16.5946$, and the grayscale version is $197.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $248.4680, -19.9507, 5.7286$, and $142.8220, -20.1252, 15.0651$ is the 20% darker color. If you saturate the color by 10%, you get $190.4610, -29.3143, 22.3977$, and if you desaturate by 10%, it is $203.6950, -14.1466, 10.7915$.

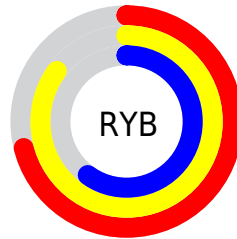
Distribution



Red (85%)

Green (77%)

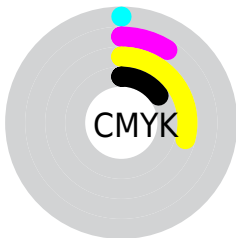
Blue (60%)



Red (71%)

Yellow (85%)

Blue (60%)

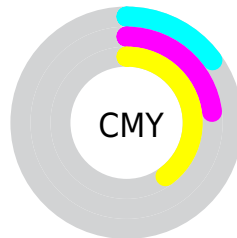


Cyan (0%)

Magenta (9%)

Yellow (29%)

Black (15%)



Cyan (15%)

Magenta (23%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 197.0780, -21.7305, 16.5946 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 197.0780, -21.7305, 16.5946 by changing the saturation by 10% instead.

■ 197.0780,
-21.7305, 16.5946

■ 197.0780,
-21.7305, 16.5946

255.0000, 0.0000,
0.0000

■ 169.8930,
-21.1462, 15.8798

■ 248.4680,
-19.9507, 5.7286

■ 142.8220,
-20.1252, 15.0651

■ 252.8340, -8.2992,
1.8996

■ 117.5230,
-19.9778, 14.4503

■ 92.4520, -18.9568,
13.6356

■ 68.9680, -18.2252,
12.3061

■ 46.0710, -17.7830,
10.4617

■ 26.0260, -12.8308,

8.7472

■ 0.0000, 0.0000,
0.0000

■ 197.0780,
-21.7305, 16.5946

■ 197.0780,
-21.7305, 16.5946

■ 190.4610,
-29.3143, 22.3977

■ 203.6950,
-14.1466, 10.7915

■ 183.9580,
-36.4613, 28.1008

■ 210.1980, -6.9996,
5.0884

■ 177.3410,
-44.0451, 33.9039

■ 216.8150, 0.5842,
-0.7148

■ 171.4250,
-51.4815, 39.0923

■ 222.7310, 8.0206,
-5.9031

■ 164.8080,
-59.0653, 44.8954

■ 228.6640, 12.9836,
-11.1063

■ 158.1910,
-66.6492, 50.6985

■ 232.7730, 10.9579,
-14.7099

■ 151.6880,
-73.7962, 56.4016

■ 236.8820, 8.9322,
-18.3135

■ 150.8730,
-74.3804, 57.1164

■ 240.9910, 6.9064,
-21.9171

■ 243.3390, 5.7489,
-23.9763

Harmonies

Analogous

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



199.4480, -19.4479, 31.1791



197.0780, -21.7305, 16.5946



194.5810, -18.0344, -2.2635

Triad

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



197.0780, -21.7305, 16.5946



188.6010, 14.9867, -47.0081



202.0640, 9.8284, 20.9919

Complementary

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



197.0780, -21.7305, 16.5946



171.9220, 21.7305, -16.5946

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.



199.5220, 18.4767, 0.4192



197.0780, -21.7305, 16.5946



191.4690, 21.9538, -41.6303

Square

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



197.0780, -21.7305, 16.5946



189.2570, 3.3243, -39.6904



195.9320, 23.2045, -22.7424



201.9920, -0.9821, 35.0870

Rectangle

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



197.0780, -21.7305, 16.5946



192.6870, -12.1707, -16.3885



195.9320, 23.2045, -22.7424



201.8290, 12.9023, 15.0590

Sweetspot

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



197.0780, -21.7305, 16.5946



248.2690, -8.0206, 5.9031



174.2310, -0.1139, 36.6314



123.3550, -5.1050, 4.0737



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.



197.0780, -21.7305, 16.5946



228.4180, -30.7721, 23.3124



205.5290, -25.8968, -0.4639



103.9850, -3.9366, 2.6442



119.8080, -59.0653, 44.8954



30.4670, -15.0202, 10.9914

Inverse Universe

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



171.9220, 21.7305, -16.5946



192.5820, 30.7721, -23.3124



163.1720, 26.0442, -0.1508



99.6020, 3.6472, -3.1590



51.1920, 59.0653, -44.8954



13.1200, 14.7308, -11.5062

Previews

White Background



This preview shows how the YUV color 197.0780, -21.7305, 16.5946 looks on a white background.

Color Contrast Check

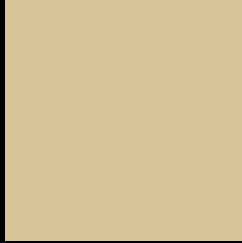
Large Text (above 18pt) WCAG AA × Fail

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 197.0780, -21.7305, 16.5946 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

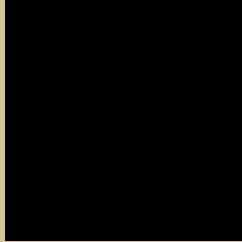
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 197.0780, -21.7305, 16.5946

Background



This preview shows how black text looks on a background with the YUV color 197.0780, -21.7305, 16.5946.



This preview shows how white text looks on a background with the YUV color 197.0780, -21.7305, 16.5946.

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

197.0780, -21.7305, 16.5946

Protanopia

196.8710, -21.1354, 12.3911

Deuteranopia

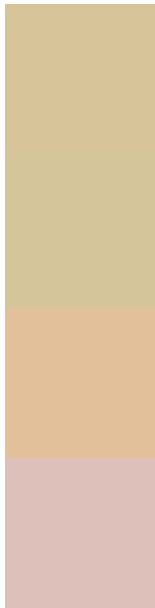
198.4540, -21.9158, 29.4198



Tritanopia

200.5770, 1.6875, 18.7880

Trichromacy



Original Color

197.0780, -21.7305, 16.5946

Protanomaly

196.8820, -21.1408, 14.1355

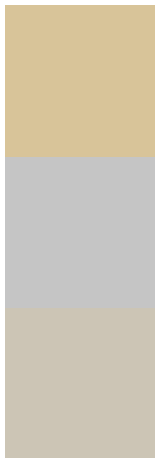
Deuteranomaly

197.8340, -21.6102, 24.7016

Tritanomaly

199.5740, -7.1850, 17.9136

Monochromacy



Original Color

197.0780, -21.7305, 16.5946

Achromatopsia

197.0000, 0.0000, 0.0000

Achromatomaly

197.2690, -8.0206, 5.9031

CSS Examples

Text

The CSS property to change the color of the text to YUV 197.0780, -21.7305, 16.5946 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(216, 196, 153)` looks like.

```
.text, #text, p{  
    color:rgb(216, 196, 153)  
}
```

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(216, 196, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 196, 153) }
```

Border

The CSS property to change the border of an element to YUV 197.0780, -21.7305, 16.5946 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(216, 196, 153) }
```


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

```
.border{ border-color:rgb(216, 196, 153) }
```

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

Here you see how a box with a 4 pixel rgb(216, 196, 153) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 196, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 196, 153);  
box-shadow:4px 4px 4px 4px rgb(216, 196,  
153) }
```

Background

The CSS property to change the background color of an element to YUV 197.0780, -21.7305, 16.5946 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 196, 153) }
```

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

```
.background{ background-color: rgb(216,  
196, 153) }
```

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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