

Converting Colors

YUV(199.7210, -26.9775,
19.5387)

Have a look what the booklet for
YUV(199.7210, -26.9775, 19.5387)
contains.

YUV(199.7210, -26.9775, 19.5387)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(199.7210, -26.9775,
19.5387)**

Conversions

Conversions Part 1

Format	Color
Hex	DEC791
RGB	222, 199, 145
RGB Percent	87%, 78%, 57%
CMY	0.1294, 0.2196, 0.4314
CMYK	0.00, 0.10, 0.35, 0.13
HSL	42°, 54%, 72%
HSV	42°, 35%, 87%
XYZ	55.6585, 58.4208, 35.1309
YIQ	199.7210, 31.0420, -11.9180

Conversions

Conversions Part 2

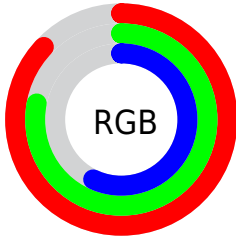
Format	Color
R_{YB}	178, 222, 145
Decimal	14600081
CIE Lab	80.97, 0.33, 30.02
CIE LCh	81, 30.021, 89.372
Yxy	58.4208, 0.3730, 0.3915
Android (android.graphics.Color)	4292790161 (0xFFDEC791)
YUV	199.7210, -26.9775, 19.5387
Hunter-Lab	76.4335, -3.7758, 26.2522

Details

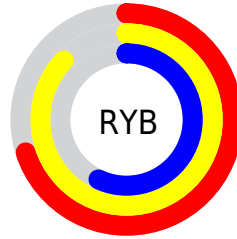
The YUV color $199.7210, -26.9775, 19.5387$ is a light color, and the websafe version is hex $CCCC99$. A complement of this color would be $167.2790, 26.9775, -19.5387$, and the grayscale version is $200.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $248.6160, -24.4607, 5.5988$, and $145.4650, -25.3722, 18.0092$ is the 20% darker color. If you saturate the color by 10%, you get $193.1040, -34.5613, 25.3418$, and if you desaturate by 10%, it is $206.3380, -19.3936, 13.7356$.

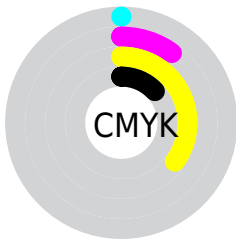
Distribution



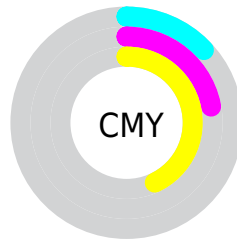
- Red (87%)
- Green (78%)
- Blue (57%)



- Red (70%)
- Yellow (87%)
- Blue (57%)



- Cyan (0%)
- Magenta (10%)
- Yellow (35%)
- Black (13%)



- Cyan (13%)
- Magenta (22%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the YUV color 199.7210, -26.9775, 19.5387 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 199.7210, -26.9775, 19.5387 by changing the saturation by 10% instead.

■ 199.7210,
-26.9775, 19.5387

■ 199.7210,
-26.9775, 19.5387

255.0000, 0.0000,
0.0000

■ 172.5360,
-26.3932, 18.8239

■ 248.6160,
-24.4607, 5.5988

■ 145.4650,
-25.3722, 18.0092

■ 251.8080,
-12.2303, 2.7994

■ 119.9810,
-24.6406, 16.6797

■ 94.4970, -23.9090,
15.3501

■ 70.4260, -22.8880,
14.5354

■ 47.3010, -23.3194,
12.8910

■ 27.7980, -13.7044,

8.9472

■ 3.5550, -1.7526,
2.1443

■ 0.0000, 0.0000,
0.0000

■ 199.7210,
-26.9775, 19.5387

■ 199.7210,
-26.9775, 19.5387

■ 193.1040,
-34.5613, 25.3418

■ 206.3380,
-19.3936, 13.7356

■ 187.0740,
-42.4345, 30.6301

■ 212.3680,
-11.5204, 8.4473

■ 180.3430,
-50.4551, 36.5332

■ 219.0990, -3.4998,
2.5442

■ 173.7260,
-58.0389, 42.3363

■ 225.7160, 4.0840,
-3.2589

■ 167.6960,
-65.9121, 47.6246

■ 231.6320, 11.5204,
-8.4473

■ 161.0790,
-73.4959, 53.4277

■ 235.7410, 9.4947,
-12.0509

■ 157.9500,
-77.8693, 56.1719

■ 239.2630, 7.7583,
-15.1397

■ 243.3720, 5.7326,
-18.7432

■ 245.1330, 4.8644,
-20.2876

Harmonies

Analogous

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



202.3410, -23.8321, 37.4119



199.7210, -26.9775, 19.5387



196.8320, -22.1022, -4.2377

Triad

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



199.7210, -26.9775, 19.5387



187.4680, 19.9823, -62.6774



205.6780, 11.9907, 27.4694

Complementary

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



199.7210, -26.9775, 19.5387



167.2790, 26.9775, -19.5387

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.



203.6730, 22.8392, 1.1638



199.7210, -26.9775, 19.5387



191.7000, 28.2489, -54.1109

Square

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



199.7210, -26.9775, 19.5387



189.2340, 4.8146, -51.0712



198.1530, 28.0256, -29.0752



205.6340, -1.2986, 43.2940

Rectangle

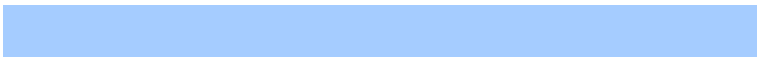
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



199.7210, -26.9775, 19.5387



193.9700, -14.7752, -21.0217



198.1530, 28.0256, -29.0752



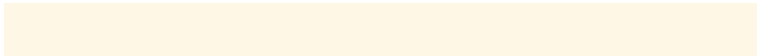
205.3610, 16.0910, 18.9774

Sweetspot

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



199.7210, -26.9775, 19.5387



247.4540, -8.6048, 6.6178



170.6450, -1.3040, 45.0383



123.2410, -5.5418, 4.1736



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.



199.7210, -26.9775, 19.5387



224.0180, -37.4769, 27.1712



208.7370, -31.4223, -1.5233



108.9850, -3.9366, 2.6442



124.8250, -61.5387, 44.8805



34.3100, -16.9148, 12.0061

Inverse Universe

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



167.2790, 26.9775, -19.5387



178.9820, 37.4769, -27.1712



158.2630, 31.4223, 1.5233



104.0150, 3.9366, -2.6442



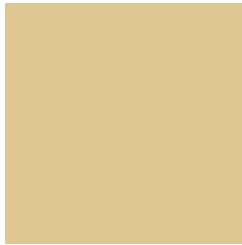
51.1750, 61.5387, -44.8805



13.6900, 16.9148, -12.0061

Previews

White Background



This preview shows how the YUV color 199.7210, -26.9775, 19.5387 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 199.7210, -26.9775, 19.5387 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

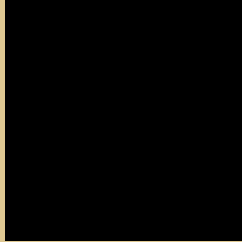
Any Text WCAG AA ✓ Pass

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 199.7210, -26.9775, 19.5387 Background



This preview shows how black text looks on a background with the YUV color 199.7210, -26.9775, 19.5387.



This preview shows how white text looks on a background with the YUV color 199.7210, -26.9775,

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

199.7210, -26.9775, 19.5387

Protanopia

199.2150, -26.2350, 14.7204

Deuteranopia

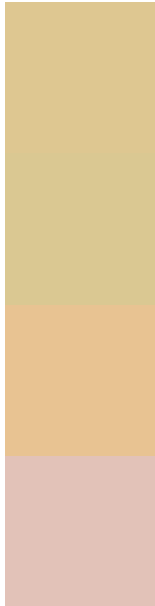
201.0970, -27.1628, 32.3639



Tritanopia

204.0720, 0.9505, 21.8619

Trichromacy



Original Color

199.7210, -26.9775, 19.5387

Protanomaly

199.2260, -26.2404, 16.4648

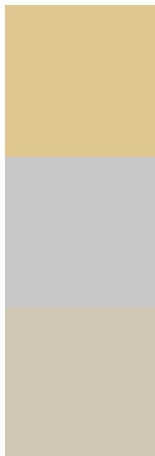
Deuteranomaly

200.4770, -26.8572, 27.6457

Tritanomaly

202.4280, -9.0850, 20.6726

Monochromacy



Original Color

199.7210, -26.9775, 19.5387

Achromatopsia

200.0000, 0.0000, 0.0000

Achromatomaly

200.1120, -9.9152, 6.9178

CSS Examples

Text

The CSS property to change the color of the text to YUV 199.7210, -26.9775, 19.5387 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(222, 199, 145)` looks like.

```
.text, #text, p{  
    color:rgb(222, 199, 145)  
}
```

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(222, 199, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 199, 145) }
```

Border

The CSS property to change the border of an element to YUV 199.7210, -26.9775, 19.5387 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(222, 199, 145) }
```


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

```
.border{ border-color:rgb(222, 199, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 199, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 199, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 199, 145);  
box-shadow:4px 4px 4px 4px rgb(222, 199,  
145) }
```

Background

The CSS property to change the background color of an element to YUV 199.7210, -26.9775, 19.5387 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 199, 145) }
```

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

```
.background{ background-color: rgb(222,  
199, 145) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor