

Converting Colors

YUV(205.3990, -28.7907,
-5.6119)

Have a look what the booklet for
YUV(205.3990, -28.7907, -5.6119)
contains.

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Color

**YUV(205.3990, -28.7907,
-5.6119)**

Conversions

Conversions Part 1

Format	Color
Hex	C7DC93
RGB	199, 220, 147
RGB Percent	78%, 86%, 58%
CMY	0.2196, 0.1373, 0.4235
CMYK	0.10, 0.00, 0.33, 0.14
HSL	77°, 51%, 72%
HSV	77°, 33%, 86%
XYZ	54.4128, 65.4351, 37.3661
YIQ	205.3990, 10.9170, -27.1550

Conversions

Conversions Part 2

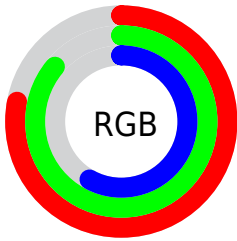
Format	Color
RYB	147, 220, 168
Decimal	13098131
CIELab	84.71, -18.92, 33.61
CIElCh	85, 38.567, 119.371
Yxy	65.4351, 0.3461, 0.4162
Android (android.graphics.Color)	4291288211 (0xFFC7DC93)
YUV	205.3990, -28.7907, -5.6119
Hunter-Lab	80.8920, -21.4910, 29.2368

Details

The YUV color $205.3990, -28.7907, -5.6119$ is a light color, and the websafe version is hex $CCCC99$. A complement of this color would be $161.6010, 28.7907, 5.6119$, and the grayscale version is $206.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $248.9580, -23.1503, 5.2988$, and $150.7410, -27.4803, -5.9119$ is the 20% darker color. If you saturate the color by 10%, you get $201.0970, -37.5158, -7.1011$, and if you desaturate by 10%, it is $209.7010, -20.0656, -4.1228$.

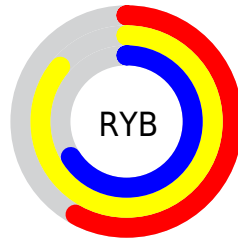
Distribution



Red (78%)

Green (86%)

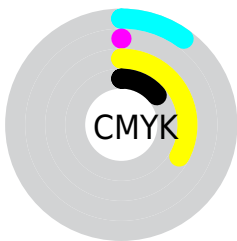
Blue (58%)



Red (58%)

Yellow (86%)

Blue (66%)

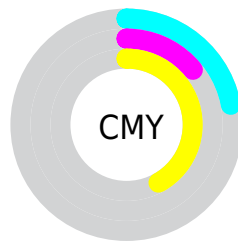


Cyan (10%)

Magenta (0%)

Yellow (33%)

Black (14%)



Cyan (22%)


Magenta (14%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the YUV color 205.3990, -28.7907, -5.6119 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 205.3990, -28.7907, -5.6119 by changing the saturation by 10% instead.


 205.3990,
-28.7907, -5.6119


 205.3990,
-28.7907, -5.6119

255.0000, 0.0000,
0.0000


 177.6270,
-27.9171, -5.8119


 248.9580,
-23.1503, 5.2988


 150.7410,
-27.4803, -5.9119

 252.1500,
-10.9200, 2.4994

 124.9690,
-26.6067, -6.1118

 99.1970, -25.7331,
-6.3118

 75.1970, -25.7331,
-6.3118

 51.3110, -25.2963,
-6.4117

 31.5200, -15.5394,

-9.2260

■ 14.6750, -7.2348,
-12.8700

■ 0.0000, 0.0000,
0.0000

■ 205.3990,
-28.7907, -5.6119

■ 205.3990,
-28.7907, -5.6119

■ 201.0970,
-37.5158, -7.1011

■ 209.7010,
-20.0656, -4.1228

■ 196.4960,
-46.0935, -9.2050

■ 214.3020,
-11.4879, -2.0189

■ 192.1940,
-54.8186, -10.6941

■ 218.6040, -2.7628,
-0.5297

■ 187.8920,
-63.5438, -12.1833

■ 222.9060, 5.9623,
0.9594

■ 183.2910,
-72.1215, -14.2872

■ 227.2790, 13.6665,
3.2633

■ 178.9890,
-80.8466, -15.7764

■ 229.0730, 12.7820,
6.9520

■ 176.0830,
-86.8089, -16.7358

■ 230.8670, 11.8976,
10.6406

■ 232.9600, 10.8657,
14.9441

■ 234.4550, 10.1287,
18.0180

Harmonies

Analogous

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



209.2780, -35.1401, 24.3122



205.3990, -28.7907, -5.6119



200.2020, -13.4106, -38.7652

Triad

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



205.3990, -28.7907, -5.6119



193.1380, 30.4980, -75.5430



208.6490, 2.6380, 40.6498

Complementary

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



205.3990, -28.7907, -5.6119



161.6010, 28.7907, 5.6119

Split Complementary

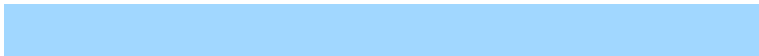
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



216.1610, 16.1896, 34.0618



205.3990, -28.7907, -5.6119



203.4140, 25.4319, -37.1971

Square

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



205.3990, -28.7907, -5.6119



188.7680, 28.2154, -90.1275



211.9290, 21.2340, 2.6933



206.3060, -13.9549, 42.7046

Rectangle

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



205.3990, -28.7907, -5.6119



196.0280, 0.4792, -60.5376



211.9290, 21.2340, 2.6933



210.6040, 7.5902, 38.9353

Sweetspot

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



205.3990, -28.7907, -5.6119



250.0570, -9.8881, -1.8040



181.1540, -16.8379, 34.0679



124.6810, -6.2517, -1.4742



0.0000, 0.0000, 0.0000



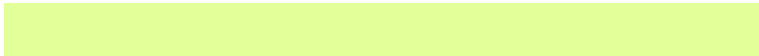
128.0000, 0.0000, 0.0000

Same Dimension

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



205.3990, -28.7907, -5.6119



234.7010, -40.2786, -7.6308



194.6350, -23.4841, -27.7439



107.5500, -4.2151, -1.3593



138.6270, -68.3431, -12.8279



36.8690, -18.1764, -3.3931

Inverse Universe

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



161.6010, 28.7907, 5.6119



173.2990, 40.2786, 7.6308



172.3650, 23.4841, 27.7439



101.1510, 4.3626, 0.7446



34.6720, 68.1957, 13.4427



9.1310, 18.1764, 3.3931

Previews

White Background



This preview shows how the YUV color 205.3990, -28.7907, -5.6119 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 205.3990, -28.7907, -5.6119 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

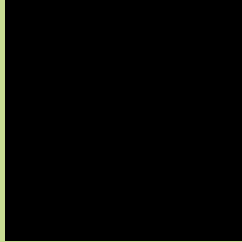
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

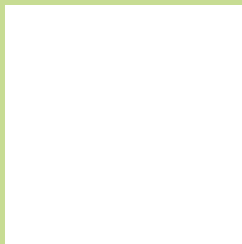
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 205.3990, -28.7907, -5.6119

Background



This preview shows how black text looks on a background with the YUV color 205.3990, -28.7907, -5.6119.



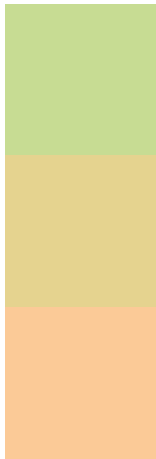
This preview shows how white text looks on a background with the YUV color 205.3990, -28.7907, -5.6119.

-5.6119.

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

205.3990, -28.7907, -5.6119

Protanopia

208.6300, -32.3556, 17.8645

Deuteranopia

210.8370, -29.4996, 35.2230



Tritanopia

211.9380, 7.4256, -1.6996

Trichromacy



Original Color

205.3990, -28.7907, -5.6119

Protanomaly

207.2160, -31.1655, 9.4576

Deuteranomaly

209.1510, -29.1614, 20.0386

Tritanomaly

209.7840, -5.8095, -3.3186

Monochromacy



Original Color

205.3990, -28.7907, -5.6119

Achromatopsia

205.0000, 0.0000, 0.0000

Achromatomaly

204.9430, -10.3249, -1.7040

CSS Examples

Text

The CSS property to change the color of the text to YUV 205.3990, -28.7907, -5.6119 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(199, 220, 147)` looks like.

```
.text, #text, p{  
    color:rgb(199, 220, 147)  
}
```

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(199, 220, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 220, 147) }
```

Border

The CSS property to change the border of an element to YUV 205.3990, -28.7907, -5.6119 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(199, 220, 147) }
```


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

```
.border{ border-color:rgb(199, 220, 147) }
```

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

Here you see how a box with a 4 pixel rgb(199, 220, 147) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 220, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 220, 147);  
box-shadow:4px 4px 4px 4px rgb(199, 220,  
147) }
```

Background

The CSS property to change the background color of an element to YUV 205.3990, -28.7907, -5.6119 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 220, 147) }
```

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

```
.background{ background-color: rgb(199,  
220, 147) }
```

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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