

Converting Colors

YUV(198.4730, -78.1272,
-1.2918)

Have a look what the booklet for
YUV(198.4730, -78.1272, -1.2918)
contains.

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Color

**YUV(198.4730, -78.1272,
-1.2918)**

Conversions

Conversions Part 1

Format	Color
Hex	C5E628
RGB	197, 230, 40
RGB Percent	77%, 90%, 16%
CMY	0.2275, 0.0980, 0.8431
CMYK	0.14, 0.00, 0.83, 0.10
HSL	70°, 79%, 53%
HSV	70°, 83%, 90%
XYZ	51.7058, 68.6171, 12.5267
YIQ	198.4730, 41.3220, -66.0860

Conversions

Conversions Part 2

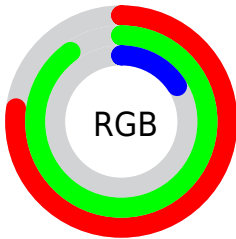
Format	Color
RYB	40, 230, 73
Decimal	12969512
CIELab	86.31, -32.84, 79.13
CIELCh	86, 85.676, 112.541
Yxy	68.6171, 0.3892, 0.5165
Android (android.graphics.Color)	4291159592 (0xFFC5E628)
YUV	198.4730, -78.1272, -1.2918
Hunter-Lab	82.8355, -33.5426, 49.0187

Details

The YUV color **198.4730, -78.1272, -1.2918** is a light color, and the websafe version is hex **CCFF33**. The color can be described as light washed yellow. A complement of this color would be **71.5270, 78.1272, 1.2918**, and the grayscale version is **199.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **237.9000, -65.5197, 14.9967**, and **143.6990, -70.8436, -4.1210** is the 20% darker color. If you saturate the color by 10%, you get **194.6550, -87.5839, -1.4514**, and if you desaturate by 10%, it is **202.2910, -68.6705, -1.1322**.

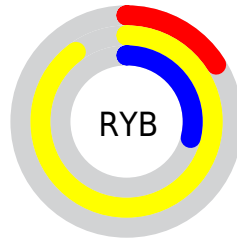
Distribution



Red (77%)

Green (90%)

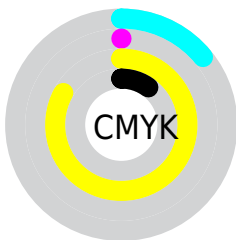
Blue (16%)



Red (16%)

Yellow (90%)

Blue (29%)

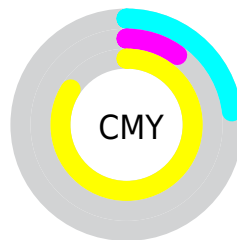


Cyan (14%)

Magenta (0%)

Yellow (83%)

Black (10%)



Cyan (23%)

Magenta (10%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YUV color 198.4730, -78.1272, -1.2918 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 198.4730, -78.1272, -1.2918 by changing the saturation by 10% instead.

■ 198.4730,
-78.1272, -1.2918

■ 198.4730,
-78.1272, -1.2918

■ 255.0000, 0.0000,
0.0000

■ 168.8060,
-83.2214, -0.7069

■ 237.9000,
-65.5197, 14.9967

■ 143.6990,
-70.8436, -4.1210

■ 241.2060,
-52.8526, 12.0973

■ 119.7660,
-59.0446, -8.5648

■ 244.5120,
-40.1854, 9.1980

■ 96.1320, -47.3931,
-12.3938

■ 247.8180,
-27.5183, 6.2986

■ 72.7860, -35.8835,
-17.3523

■ 251.2380,
-14.4143, 3.2993

■ 49.4290, -24.3685,
-24.0552

■ 254.6580, -1.3104,

■ 29.3500, -14.4695,

0.2999

-25.7399

■ 17.6100, -8.6817,
-15.4440

■ 0.0000, 0.0000,
0.0000

■ 198.4730,
-78.1272, -1.2918

■ 198.4730,
-78.1272, -1.2918

■ 194.6550,
-87.5839, -1.4514

■ 202.2910,
-68.6705, -1.1322

■ 191.8200,
-94.5673, -1.5961

■ 206.1090,
-59.2137, -0.9726

■ 209.9270,
-49.7570, -0.8130

■ 213.7450,
-40.3003, -0.6534

■ 217.5630,
-30.8436, -0.4938

■ 221.3810,
-21.3868, -0.3341

■ 225.1990,
-11.9301, -0.1745

■ 229.0170, -2.4734,
-0.0149

■ 232.8350, 6.9833,
0.1447

Harmonies

Analogous

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



199.3160, -86.4308, 48.8349



198.4730, -78.1272, -1.2918



182.1830, -35.0932, -84.3525

Triad

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



198.4730, -78.1272, -1.2918



174.6460, 39.6145, -153.1645



184.6110, 27.3068, 61.7312

Complementary

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



198.4730, -78.1272, -1.2918



71.5270, 78.1272, 1.2918

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.



202.7570, 25.7558, 45.8171



198.4730, -78.1272, -1.2918



164.6670, 44.5342, -144.4130

Square

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



198.4730, -78.1272, -1.2918



178.1680, 37.8782, -156.2533



200.8550, 26.6935, -21.7978



177.1380, -8.9420, 68.2850

Rectangle

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



198.4730, -78.1272, -1.2918



166.0330, -1.0023, -145.6109



200.8550, 26.6935, -21.7978



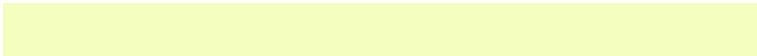
190.4300, 31.8330, 56.6279

Sweetspot

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



198.4730, -78.1272, -1.2918



244.4150, -26.3336, -0.3640



115.5940, -37.2678, 100.3341



121.4610, -16.0033, -0.4043



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.



198.4730, -78.1272, -1.2918



213.1160, -103.5872, -1.8557



170.3670, -64.2709, -59.0809



113.0340, -4.9468, -0.0298



149.0260, -73.4698, -1.7768



42.4950, -20.9500, -0.4341

Inverse Universe

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



71.5270, 78.1272, 1.2918



44.5850, 103.7346, 1.2410



99.6330, 64.2709, 59.0809



104.9660, 4.9468, 0.0298



29.6750, 73.6172, 1.1620



8.5050, 20.9500, 0.4341

Previews

White Background



This preview shows how the YUV color 198.4730, -78.1272, -1.2918 looks on a white background.

Color Contrast Check

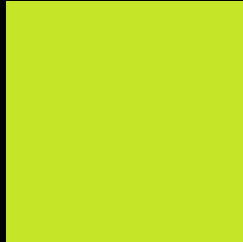
Large Text (above 18pt) WCAG AA × Fail

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 198.4730, -78.1272, -1.2918 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 198.4730, -78.1272, -1.2918 Background



This preview shows how black text looks on a background with the YUV color 198.4730, -78.1272, -1.2918.



This preview shows how white text looks on a background with the YUV color 198.4730, -78.1272, -1.2918.

-1.2918.

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

198.4730, -78.1272, -1.2918

Protanopia

203.5530, -82.6036, 34.5950

Deuteranopia

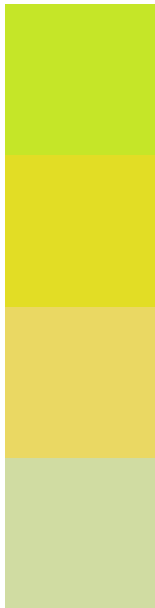
213.5030, -39.6880, 36.3929



Tritanopia

216.2370, 7.2782, -1.0848

Trichromacy



Original Color

198.4730, -78.1272, -1.2918

Protanomaly

201.5190, -81.1079, 21.4698

Deuteranomaly

208.0440, -53.7587, 22.7634

Tritanomaly

209.8000, -23.5654, -1.5786

Monochromacy



Original Color

198.4730, -78.1272, -1.2918

Achromatopsia

198.0000, 0.0000, 0.0000

Achromatomaly

198.5460, -28.3702, -0.4788

CSS Examples

Text

The CSS property to change the color of the text to YUV 198.4730, -78.1272, -1.2918 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(197, 230, 40)` looks like.

```
.text, #text, p{  
    color:rgb(197, 230, 40)  
}
```

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(197, 230, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 230, 40) }
```

Border

The CSS property to change the border of an element to YUV 198.4730, -78.1272, -1.2918 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(197, 230, 40) }
```


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

```
.border{ border-color:rgb(197, 230, 40) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 230, 40)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 230, 40); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 230, 40);  
box-shadow:4px 4px 4px 4px rgb(197, 230,  
40) }
```

Background

The CSS property to change the background color of an element to YUV 198.4730, -78.1272, -1.2918 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 230, 40) }
```

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

```
.background{ background-color: rgb(197,  
230, 40) }
```

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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