

Converting Colors

YUV(199.4780, -75.6647,
2.2118)

Have a look what the booklet for
YUV(199.4780, -75.6647, 2.2118)
contains.

YUV(199.4780, -75.6647, 2.2118)	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(199.4780, -75.6647,
2.2118)**

Conversions

Conversions Part 1

Format	Color
Hex	CAE42E
RGB	202, 228, 46
RGB Percent	79%, 89%, 18%
CMY	0.2078, 0.1059, 0.8196
CMYK	0.11, 0.00, 0.80, 0.11
HSL	69°, 77%, 54%
HSV	69°, 80%, 89%
XYZ	52.5937, 68.2406, 12.9845
YIQ	199.4780, 42.9260, -62.1140

Conversions

Conversions Part 2

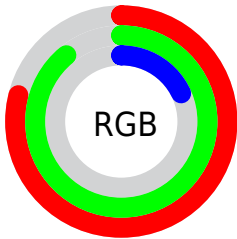
Format	Color
R _{YB}	46, 228, 72
Decimal	13296686
CIE Lab	86.13, -29.71, 77.64
CIE LCh	86, 83.128, 110.942
Yxy	68.2406, 0.3930, 0.5099
Android (android.graphics.Color)	4291486766 (0xFFCAE42E)
YUV	199.4780, -75.6647, 2.2118
Hunter-Lab	82.6079, -30.9188, 48.5061

Details

The YUV color **199.4780, -75.6647, 2.2118** is a light color, and the websafe version is hex **CCCC00**. The color can be described as light washed yellow. A complement of this color would be **74.5220, 75.6647, -2.2118**, and the grayscale version is **200.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **238.3560, -63.7725, 14.5968**, and **144.6070, -71.2913, -0.5323** is the 20% darker color. If you saturate the color by 10%, you get **195.9590, -85.2688, 2.6670**, and if you desaturate by 10%, it is **202.9970, -66.0605, 1.7566**.

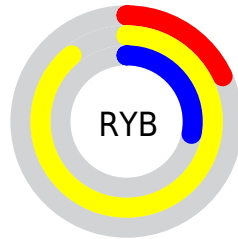
Distribution



Red (79%)

Green (89%)

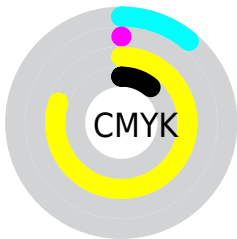
Blue (18%)



Red (18%)

Yellow (89%)

Blue (28%)

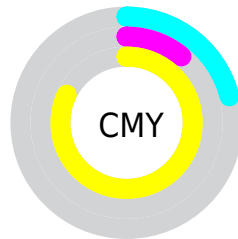


Cyan (11%)

Magenta (0%)

Yellow (80%)

Black (11%)



Cyan (21%)

Magenta (11%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YUV color 199.4780, -75.6647, 2.2118 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 199.4780, -75.6647, 2.2118 by changing the saturation by 10% instead.

■ 199.4780,
-75.6647, 2.2118

■ 199.4780,
-75.6647, 2.2118

255.0000, 0.0000,
0.0000

■ 169.1270,
-83.3796, 3.3966

■ 238.3560,
-63.7725, 14.5968

■ 144.6070,
-71.2913, -0.5323

■ 241.6620,
-51.1054, 11.6974

■ 120.0870,
-59.2029, -4.4613

■ 244.8540,
-38.8750, 8.8980

■ 96.4530, -47.5513,
-8.2903

■ 248.2740,
-25.7711, 5.8987

■ 73.4060, -36.1892,
-12.6341

■ 251.5800,
-13.1039, 2.9993

■ 51.2340, -25.2584,
-18.6222

■ 28.7630, -14.1802,

-25.2252

■ 17.6100, -8.6817,
-15.4440

■ 0.0000, 0.0000,
0.0000

■ 199.4780,
-75.6647, 2.2118

■ 199.4780,
-75.6647, 2.2118

■ 195.9590,
-85.2688, 2.6670

■ 202.9970,
-66.0605, 1.7566

■ 192.1410,
-94.7255, 2.5073

■ 206.8150,
-56.6038, 1.9162

■ 210.2200,
-47.4365, 1.5611

■ 213.7390,
-37.8323, 1.1059

■ 217.2580,
-28.2282, 0.6507

■ 221.0760,
-18.7715, 0.8103

■ 224.5950, -9.1673,
0.3552

■ 228.0000, 0.0000,
0.0000

■ 231.5190, 9.6041,
-0.4552

Harmonies

Analogous

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



199.7380, -79.7368, 48.4648



199.4780, -75.6647, 2.2118



185.0810, -37.0149, -74.6160

Triad

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



199.4780, -75.6647, 2.2118



174.0590, 39.9039, -152.6497



187.3010, 27.4596, 59.3720

Complementary

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



199.4780, -75.6647, 2.2118



74.5220, 75.6647, -2.2118

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.



205.1050, 24.5982, 43.7579



199.4780, -75.6647, 2.2118



165.2540, 44.2448, -144.9278

Square

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



199.4780, -75.6647, 2.2118



177.5810, 38.1676, -155.7385



200.2350, 26.9991, -26.5161



178.8820, -7.3368, 66.7555

Rectangle

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



199.4780, -75.6647, 2.2118



164.5170, -1.7339, -144.2814



200.2350, 26.9991, -26.5161



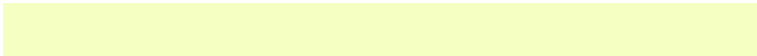
192.7780, 30.6754, 54.5687

Sweetspot

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



199.4780, -75.6647, 2.2118



245.3550, -25.3180, 0.5657



114.5060, -33.7735, 99.5342



121.9880, -15.2771, 0.0105



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.



199.4780, -75.6647, 2.2118



216.6050, -101.8563, 2.9774



172.8670, -62.5454, -52.5034



113.0340, -4.9468, -0.0298



150.8200, -74.3543, 1.9119



43.0930, -21.2448, 0.7954

Inverse Universe

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



74.5220, 75.6647, -2.2118



48.3950, 101.8563, -2.9774



101.1330, 62.5454, 52.5034



104.9660, 4.9468, 0.0298



27.8810, 74.5017, -2.5266



7.9070, 21.2448, -0.7954

Previews

White Background



This preview shows how the YUV color 199.4780, -75.6647, 2.2118 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 199.4780, -75.6647, 2.2118 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 199.4780, -75.6647, 2.2118

Background



This preview shows how black text looks on a background with the YUV color 199.4780, -75.6647, 2.2118.



This preview shows how white text looks on a background with the YUV color 199.4780, -75.6647, 2.2118.

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

199.4780, -75.6647, 2.2118

Protanopia

203.4650, -79.1092, 33.7952

Deuteranopia

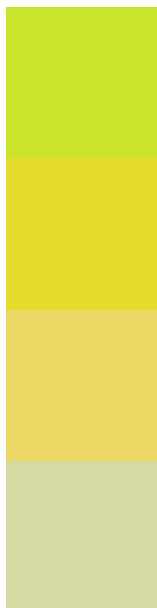
212.8020, -39.8354, 37.0076



Tritanopia

216.0310, 6.3937, 2.6038

Trichromacy



Original Color

199.4780, -75.6647, 2.2118

Protanomaly

202.0290, -77.9083, 21.8996

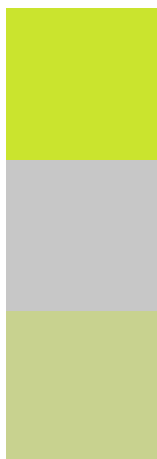
Deuteranomaly

208.2830, -52.8905, 24.3078

Tritanomaly

210.1210, -23.7237, 2.5249

Monochromacy



Original Color

199.4780, -75.6647, 2.2118

Achromatopsia

199.0000, 0.0000, 0.0000

Achromatomaly

199.3720, -27.7914, 0.5508

CSS Examples

Text

The CSS property to change the color of the text to YUV 199.4780, -75.6647, 2.2118 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(202, 228, 46)` looks like.

```
.text, #text, p{  
    color:rgb(202, 228, 46)  
}
```

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(202, 228, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 228, 46) }
```

Border

The CSS property to change the border of an element to YUV 199.4780, -75.6647, 2.2118 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(202, 228, 46) }
```


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

```
.border{ border-color:rgb(202, 228, 46) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 228, 46)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 228, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 228, 46);  
box-shadow:4px 4px 4px 4px rgb(202, 228,  
46) }
```

Background

The CSS property to change the background color of an element to YUV 199.4780, -75.6647, 2.2118 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 228, 46) }
```

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

```
.background{ background-color: rgb(202,  
228, 46) }
```

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