

Converting Colors

YUV(204.4820, -71.7226,
-2.1767)

Have a look what the booklet for
YUV(204.4820, -71.7226, -2.1767)
contains.

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Color

**YUV(204.4820, -71.7226,
-2.1767)**

Conversions

Conversions Part 1

Format	Color
Hex	CAEA3B
RGB	202, 234, 59
RGB Percent	79%, 92%, 23%
CMY	0.2078, 0.0824, 0.7686
CMYK	0.14, 0.00, 0.75, 0.08
HSL	71°, 81%, 57%
HSV	71°, 75%, 92%
XYZ	54.5694, 71.7180, 15.1045
YIQ	204.4820, 37.1030, -61.2090

Conversions

Conversions Part 2

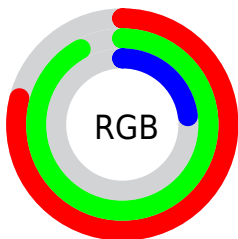
Format	Color
RYB	59, 234, 91
Decimal	13298235
CIELab	87.83, -31.99, 75.49
CIELCh	88, 81.987, 112.965
Yxy	71.7180, 0.3859, 0.5072
Android (android.graphics.Color)	4291488315 (0xFFCAEA3B)
YUV	204.4820, -71.7226, -2.1767
Hunter-Lab	84.6865, -33.1814, 48.7057

Details

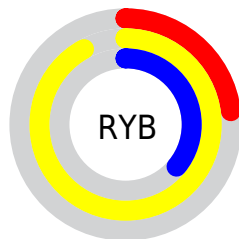
The YUV color **204.4820, -71.7226, -2.1767** is a light color, and the websafe version is hex **CCFF66**. The color can be described as light washed yellow. A complement of this color would be **88.5180, 71.7226, 2.1767**, and the grayscale version is **205.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **239.4960, -59.4045, 13.5970**, and **147.5420, -72.7382, -3.1063** is the 20% darker color. If you saturate the color by 10%, you get **200.6640, -81.1794, -2.3363**, and if you desaturate by 10%, it is **208.3000, -62.2659, -2.0171**.

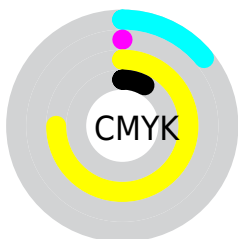
Distribution



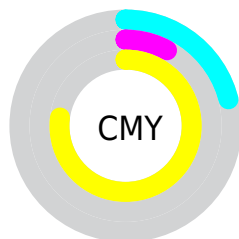
- Red (79%)
- Green (92%)
- Blue (23%)



- Red (23%)
- Yellow (92%)
- Blue (36%)



- Cyan (14%)
- Magenta (0%)
- Yellow (75%)
- Black (8%)



- Cyan (21%)
- Magenta (8%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the YUV color 204.4820, -71.7226, -2.1767 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 204.4820, -71.7226, -2.1767 by changing the saturation by 10% instead.

■ 204.4820,
-71.7226, -2.1767

■ 204.4820,
-71.7226, -2.1767

■ 255.0000, 0.0000,
0.0000

■ 174.8150,
-76.8168, -1.5918

■ 239.4960,
-59.4045, 13.5970

■ 147.5420,
-72.7382, -3.1063

■ 242.6880,
-47.1742, 10.7976

■ 123.0220,
-60.6498, -7.0353

■ 245.9940,
-34.5070, 7.8983

■ 99.9750, -49.2877,
-11.3791

■ 249.3000,
-21.8399, 4.9989

■ 76.3410, -37.6361,
-15.2081

■ 252.7200, -8.7360,
1.9996

■ 53.2830, -26.2685,
-21.2962

■ 31.1110, -15.3377,

-27.2843

■ 19.9580, -9.8393,
-17.5032

■ 0.0000, 0.0000,
0.0000

■ 204.4820,
-71.7226, -2.1767

■ 204.4820,
-71.7226, -2.1767

■ 200.6640,
-81.1794, -2.3363

■ 208.3000,
-62.2659, -2.0171

■ 196.4330,
-90.9255, -3.0107

■ 212.5310,
-52.5198, -1.3427

■ 194.4670,
-95.8722, -3.0406

■ 216.3490,
-43.0631, -1.1831

■ 220.2810,
-33.1695, -1.1234

■ 224.0990,
-23.7128, -0.9638

■ 228.2160,
-14.4035, -0.1894

■ 232.1480, -4.5100,
-0.1298

■ 235.9660, 4.9468,
0.0298

■ 238.4870, 8.1409,
2.2039

Harmonies

Analogous

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



204.8730, -77.8314, 43.9614



204.4820, -71.7226, -2.1767



189.5580, -33.7991, -79.4194

Triad

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



204.4820, -71.7226, -2.1767



176.4070, 38.7463, -154.7089



190.1220, 25.5759, 56.8980

Complementary

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



204.4820, -71.7226, -2.1767



88.5180, 71.7226, 2.1767

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.



206.8660, 23.7301, 42.2135



204.4820, -71.7226, -2.1767



167.0150, 43.3766, -146.4722

Square

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



204.4820, -71.7226, -2.1767



178.7550, 37.5888, -156.7681



206.4920, 23.9144, -17.0945



183.5780, -9.6520, 62.6371

Rectangle

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



204.4820, -71.7226, -2.1767



169.2930, 1.3346, -148.4700



206.4920, 23.9144, -17.0945



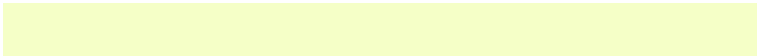
195.1260, 29.5179, 52.5095

Sweetspot

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



204.4820, -71.7226, -2.1767



245.6260, -22.9866, -0.5490



128.3480, -34.1886, 92.6568



122.0310, -13.8193, -0.9042



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.



204.4820, -71.7226, -2.1767



216.2220, -94.2724, -2.8257



179.0670, -59.1930, -54.4328



115.1480, -4.5100, -0.1298



150.4990, -74.1960, -2.1916



44.8540, -22.1130, -0.7490

Inverse Universe

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



88.5180, 71.7226, 2.1767



63.7780, 94.2724, 2.8257



113.9330, 59.1930, 54.4328



107.8520, 4.5100, 0.1298



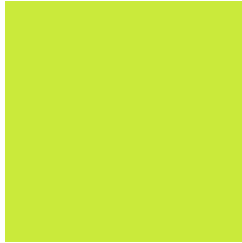
30.5010, 74.1960, 2.1916



9.1460, 22.1130, 0.7490

Previews

White Background



This preview shows how the YUV color 204.4820, -71.7226, -2.1767 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 204.4820, -71.7226, -2.1767 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 204.4820, -71.7226, -2.1767

Background



This preview shows how black text looks on a background with the YUV color 204.4820, -71.7226, -2.1767.



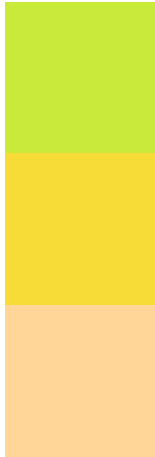
This preview shows how white text looks on a background with the YUV color 204.4820, -71.7226, -2.1767.

-2.1767.

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

204.4820, -71.7226, -2.1767

Protanopia

209.2630, -76.0517, 33.0953

Deuteranopia

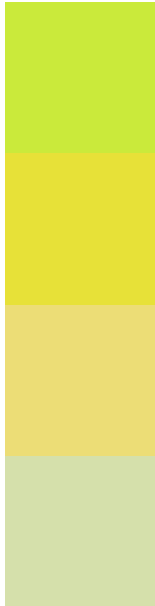
218.6040, -32.8358, 31.9193



Tritanopia

220.2370, 7.2782, -1.0848

Trichromacy



Original Color

204.4820, -71.7226, -2.1767

Protanomaly

207.5280, -74.7033, 20.5849

Deuteranomaly

213.7430, -47.2013, 19.5194

Tritanomaly

214.6690, -21.5288, -1.4637

Monochromacy



Original Color

204.4820, -71.7226, -2.1767

Achromatopsia

204.0000, 0.0000, 0.0000

Achromatomaly

204.1160, -26.1862, -0.9787

CSS Examples

Text

The CSS property to change the color of the text to YUV 204.4820, -71.7226, -2.1767 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, 234, 59)` looks like.

```
.text, #text, p{  
    color:rgb(202, 234, 59)  
}
```

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, 234, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 234, 59) }
```

Border

The CSS property to change the border of an element to YUV 204.4820, -71.7226, -2.1767 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, 234, 59) }
```


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

```
.border{ border-color:rgb(202, 234, 59) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 234, 59)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 234, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 234, 59);  
box-shadow:4px 4px 4px 4px rgb(202, 234,  
59) }
```

Background

The CSS property to change the background color of an element to YUV 204.4820, -71.7226, -2.1767 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 234, 59) }
```

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

```
.background{ background-color: rgb(202,  
234, 59) }
```

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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