

Converting Colors

YUV(201.1970, -62.7081,
-0.1728)

Have a look what the booklet for
YUV(201.1970, -62.7081, -0.1728)
contains.

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Color

**YUV(201.1970, -62.7081,
-0.1728)**

Conversions

Conversions Part 1

Format	Color
Hex	C9E24A
RGB	201, 226, 74
RGB Percent	79%, 89%, 29%
CMY	0.2118, 0.1137, 0.7098
CMYK	0.11, 0.00, 0.67, 0.11
HSL	70°, 72%, 59%
HSV	70°, 67%, 89%
XYZ	52.5198, 67.3046, 16.7016
YIQ	201.1970, 33.8920, -52.5720

Conversions

Conversions Part 2

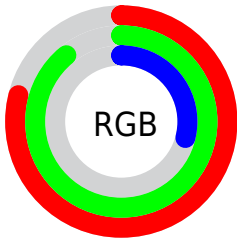
Format	Color
RYB	74, 226, 99
Decimal	13230666
CIELab	85.66, -27.88, 68.21
CIELCh	86, 73.690, 112.233
Yxy	67.3046, 0.3847, 0.4930
Android (android.graphics.Color)	4291420746 (0xFFC9E24A)
YUV	201.1970, -62.7081, -0.1728
Hunter-Lab	82.0394, -29.2973, 45.3573

Details

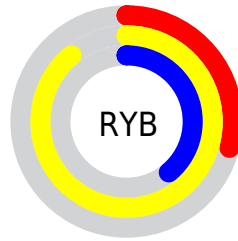
The YUV color $201.1970, -62.7081, -0.1728$ is a light color, and the websafe version is hex `CCCC33`. The color can be described as light muted yellow. A complement of this color would be $98.8030, 62.7081, 0.1728$, and the grayscale version is $202.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $240.7500, -54.5998, 12.4972$, and $143.1340, -70.5651, -0.1175$ is the 20% darker color. If you saturate the color by 10%, you get $197.3790, -72.1648, -0.3324$, and if you desaturate by 10%, it is $205.0150, -53.2514, -0.0132$.

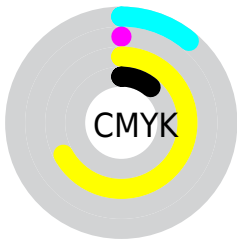
Distribution



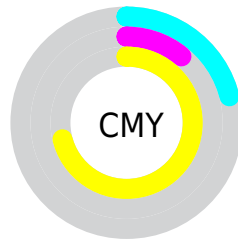
- Red (79%)
- Green (89%)
- Blue (29%)



- Red (29%)
- Yellow (89%)
- Blue (39%)



- Cyan (11%)
- Magenta (0%)
- Yellow (67%)
- Black (11%)



- Cyan (21%)
- Magenta (11%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 201.1970, -62.7081, -0.1728 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 201.1970, -62.7081, -0.1728 by changing the saturation by 10% instead.

■ 201.1970,
-62.7081, -0.1728

■ 201.1970,
-62.7081, -0.1728

■ 255.0000, 0.0000,
0.0000

■ 172.5560,
-63.8711, -0.4876

■ 240.7500,
-54.5998, 12.4972

■ 143.1340,
-70.5651, -0.1175

■ 243.9420,
-42.3694, 9.6979

■ 118.9130,
-58.6241, -3.4317

■ 247.2480,
-29.7023, 6.7985

■ 96.1650, -47.4093,
-7.1607

■ 250.5540,
-17.0351, 3.8991

■ 73.4170, -36.1946,
-10.8897

■ 253.8600, -4.3680,
0.9998

■ 50.6580, -24.9744,
-16.3631

■ 27.8880, -13.7488,

-23.5808

■ 16.4360, -8.1029,
-14.4144

■ 0.0000, 0.0000,
0.0000

■ 201.1970,
-62.7081, -0.1728

■ 201.1970,
-62.7081, -0.1728

■ 197.3790,
-72.1648, -0.3324

■ 205.0150,
-53.2514, -0.0132

■ 193.9740,
-81.3322, 0.0228

■ 208.4200,
-44.0841, -0.3683

■ 190.1560,
-90.7889, -0.1368

■ 212.2380,
-34.6273, -0.2087

■ 189.1730,
-93.2623, -0.1517

■ 215.9420,
-25.6074, 0.0509

■ 219.7600,
-16.1507, 0.2105

■ 223.2790, -6.5465,
-0.2447

■ 226.9830, 2.4734,
0.0149

■ 230.8010, 11.9301,
0.1745

■ 231.6980, 11.4879,
2.0189

Harmonies

Analogous

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



203.5170, -67.7959, 45.1506



201.1970, -62.7081, -0.1728



189.1020, -32.0953, -65.8645

Triad

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



201.1970, -62.7081, -0.1728



171.1240, 41.3509, -150.0757



192.2590, 21.0713, 55.0239

Complementary

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



201.1970, -62.7081, -0.1728



98.8030, 62.7081, 0.1728

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.



207.4530, 23.4407, 41.6987



201.1970, -62.7081, -0.1728



162.3190, 45.6917, -142.3538

Square

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



201.1970, -62.7081, -0.1728



174.6460, 39.6145, -153.1645



203.2470, 25.5142, -16.8796



185.4530, -10.0833, 60.9927

Rectangle

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



201.1970, -62.7081, -0.1728



163.0810, 2.9181, -143.0220



203.2470, 25.5142, -16.8796



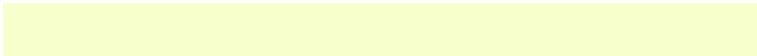
197.4740, 28.3603, 50.4503

Sweetspot

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



201.1970, -62.7081, -0.1728



246.7940, -21.0974, 0.1807



132.9490, -29.0619, 81.6057



122.6720, -12.6563, -0.5893



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.



201.1970, -62.7081, -0.1728



221.2360, -85.4053, -0.2070



179.0710, -51.8000, -45.6663



110.1480, -4.5100, -0.1298



147.2650, -72.6016, -0.2324



40.1360, -19.7870, -0.1193

Inverse Universe

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



98.8030, 62.7081, 0.1728



81.7640, 85.4053, 0.2070



120.9290, 51.8000, 45.6663



102.8520, 4.5100, 0.1298



28.7350, 72.6016, 0.2324



7.8640, 19.7870, 0.1193

Previews

White Background



This preview shows how the YUV color 201.1970, -62.7081, -0.1728 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 201.1970, -62.7081, -0.1728 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

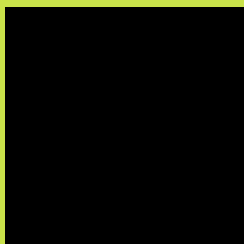
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 201.1970, -62.7081, -0.1728

Background



This preview shows how black text looks on a background with the YUV color 201.1970, -62.7081, -0.1728.



This preview shows how white text looks on a background with the YUV color 201.1970, -62.7081, -0.1728.

-0.1728.

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

201.1970, -62.7081, -0.1728

Protanopia

205.1730, -66.1473, 29.6663

Deuteranopia

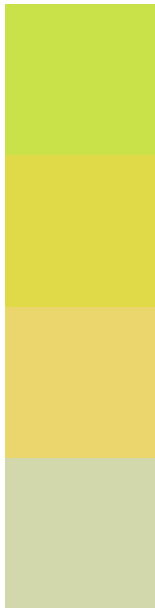
211.8730, -40.8564, 37.8224



Tritanopia

214.7320, 6.5411, 1.9890

Trichromacy



Original Color

201.1970, -62.7081, -0.1728

Protanomaly

203.4490, -64.8044, 18.9002

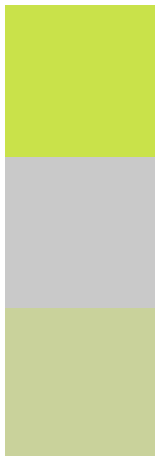
Deuteranomaly

207.7220, -48.6699, 23.9228

Tritanomaly

209.4890, -18.4821, 1.3251

Monochromacy



Original Color

201.1970, -62.7081, -0.1728

Achromatopsia

201.0000, 0.0000, 0.0000

Achromatomaly

201.0390, -22.6972, -0.0342

CSS Examples

Text

The CSS property to change the color of the text to YUV 201.1970, -62.7081, -0.1728 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(201, 226, 74)` looks like.

```
.text, #text, p{  
    color:rgb(201, 226, 74)  
}
```

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(201, 226, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 226, 74) }
```

Border

The CSS property to change the border of an element to YUV 201.1970, -62.7081, -0.1728 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(201, 226, 74) }
```


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

```
.border{ border-color:rgb(201, 226, 74) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 226, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 226, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 226, 74);  
box-shadow:4px 4px 4px 4px rgb(201, 226,  
74) }
```

Background

The CSS property to change the background color of an element to YUV 201.1970, -62.7081, -0.1728 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 226, 74) }
```

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

```
.background{ background-color: rgb(201,  
226, 74) }
```

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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