

Converting Colors

YUV(209.7070, -76.2706,
9.9040)

Have a look what the booklet for
YUV(209.7070, -76.2706, 9.9040)
contains.

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Color

**YUV(209.7070, -76.2706,
9.9040)**

Conversions

Conversions Part 1

Format	Color
Hex	DDEA37
RGB	221, 234, 55
RGB Percent	87%, 92%, 22%
CMY	0.1333, 0.0824, 0.7843
CMYK	0.06, 0.00, 0.76, 0.08
HSL	64°, 81%, 57%
HSV	64°, 76%, 92%
XYZ	59.9312, 74.4936, 14.8344
YIQ	209.7070, 49.7110, -58.4250

Conversions

Conversions Part 2

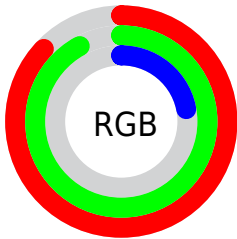
Format	Color
RYB	55, 234, 68
Decimal	14543415
CIELab	89.16, -24.50, 78.39
CIELCh	89, 82.130, 107.357
Yxy	74.4936, 0.4015, 0.4991
Android (android.graphics.Color)	4292733495 (0xFFDDEA37)
YUV	209.7070, -76.2706, 9.9040
Hunter-Lab	86.3097, -27.0962, 50.2263

Details

The YUV color **209.7070, -76.2706, 9.9040** 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 **79.2930, 76.2706, -9.9040**, and the grayscale version is **210.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **239.1540, -60.7149, 13.8969**, and **152.9240, -75.3915, 7.9597** is the 20% darker color. If you saturate the color by 10%, you get **206.4870, -86.0221, 10.9739**, and if you desaturate by 10%, it is **212.9270, -66.5190, 8.8340**.

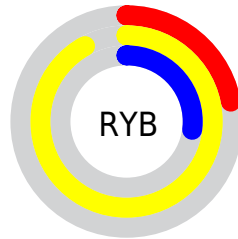
Distribution



Red (87%)

Green (92%)

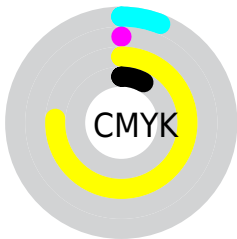
Blue (22%)



Red (22%)

Yellow (92%)

Blue (27%)

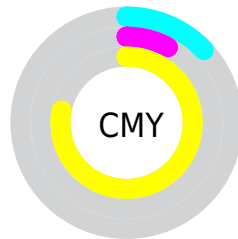


Cyan (6%)

Magenta (0%)

Yellow (76%)

Black (8%)



Cyan (13%)

Magenta (8%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YUV color 209.7070, -76.2706, 9.9040 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 209.7070, -76.2706, 9.9040 by changing the saturation by 10% instead.

■ 209.7070,
-76.2706, 9.9040

■ 209.7070,
-76.2706, 9.9040

■ 255.0000, 0.0000,
0.0000

■ 178.8290,
-84.7117, 10.6740

■ 239.1540,
-60.7149, 13.8969

■ 152.9240,
-75.3915, 7.9597

■ 242.4600,
-48.0478, 10.9976

■ 128.9910,
-63.5926, 3.5159

■ 245.7660,
-35.3806, 8.0982

■ 105.3570,
-51.9410, -0.3131

■ 249.0720,
-22.7135, 5.1989

■ 82.3100, -40.5788,
-4.6569

■ 252.4920, -9.6096,
2.1995

■ 59.8500, -29.5060,
-9.5154

■ 37.9770, -18.7227,

-14.8888

■ 19.3710, -9.5499,
-16.9884

■ 0.0000, 0.0000,
0.0000

■ 209.7070,
-76.2706, 9.9040

■ 209.7070,
-76.2706, 9.9040

■ 206.4870,
-86.0221, 10.9739

■ 212.9270,
-66.5190, 8.8340

■ 203.4520,
-96.3578, 12.7586

■ 215.9620,
-56.1833, 7.0493

■ 202.2410,
-99.7048, 12.9436

■ 219.1820,
-46.4317, 5.9794

■ 222.5160,
-36.2434, 4.8095

■ 225.4370,
-26.3444, 3.1248

■ 228.6570,
-16.5929, 2.0548

■ 231.9910, -6.4046,
0.8849

■ 235.2110, 3.3470,
-0.1850

■ 236.9920, 8.8779,
-0.8700

Harmonies

Analogous

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



204.8390, -72.8846, 43.9912



209.7070, -76.2706, 9.9040



198.2630, -43.0207, -61.6207

Triad

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



209.7070, -76.2706, 9.9040



178.7550, 37.5888, -156.7681



195.7130, 29.2285, 51.9947

Complementary

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



209.7070, -76.2706, 9.9040



79.2930, 76.2706, -9.9040

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.



212.7360, 20.8362, 37.0655



209.7070, -76.2706, 9.9040



171.1240, 41.3509, -150.0757

Square

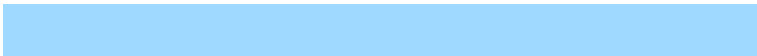
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



209.7070, -76.2706, 9.9040



178.7550, 37.5888, -156.7681



204.2890, 25.0005, -38.8415



186.2170, -2.0790, 60.3227

Rectangle

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



209.7070, -76.2706, 9.9040



167.9250, -3.9070, -147.2702



204.2890, 25.0005, -38.8415



200.4090, 26.9134, 47.8763

Sweetspot

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



209.7070, -76.2706, 9.9040



247.0780, -25.1815, 3.4396



115.5650, -29.8585, 103.8675



122.9990, -15.2825, 1.7549



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.



209.7070, -76.2706, 9.9040



223.1270, -100.1416, 13.0436



183.3950, -63.2987, -44.1964



115.4470, -4.6574, 0.4850



156.4790, -77.1441, 10.1039



46.6480, -22.9975, 2.9397

Inverse Universe

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



79.2930, 76.2706, -9.9040



51.8730, 100.1416, -13.0436



105.6050, 63.2987, 44.1964



107.2540, 4.8048, -1.0998



24.5210, 77.1441, -10.1039



7.3520, 22.9975, -2.9397

Previews

White Background



This preview shows how the YUV color 209.7070, -76.2706, 9.9040 looks on a white background.

Color Contrast Check

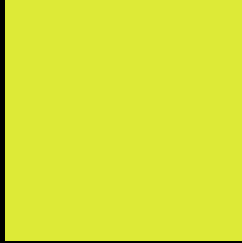
Large Text (above 18pt) WCAG AA × Fail

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 209.7070, -76.2706, 9.9040 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 209.7070, -76.2706, 9.9040 Background



This preview shows how black text looks on a background with the YUV color 209.7070, -76.2706, 9.9040.



This preview shows how white text looks on a background with the YUV color 209.7070, -76.2706, 9.9040.

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

209.7070, -76.2706, 9.9040

Protanopia

212.4650, -79.1092, 33.7952

Deuteranopia

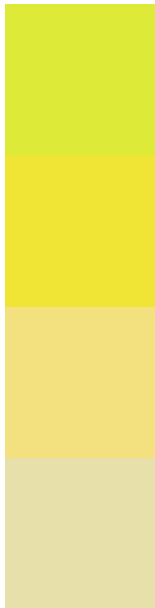
223.1350, -28.1676, 27.9456



Tritanopia

225.6190, 4.6248, 9.9811

Trichromacy



Original Color

209.7070, -76.2706, 9.9040

Protanomaly

211.6380, -78.2085, 24.8735

Deuteranomaly

218.5090, -45.6069, 21.4786

Tritanomaly

219.9370, -24.6189, 9.7023

Monochromacy



Original Color

209.7070, -76.2706, 9.9040

Achromatopsia

210.0000, 0.0000, 0.0000

Achromatomaly

210.0950, -27.6548, 3.4247

CSS Examples

Text

The CSS property to change the color of the text to YUV 209.7070, -76.2706, 9.9040 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(221, 234, 55)` looks like.

```
.text, #text, p{  
    color:rgb(221, 234, 55)  
}
```

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(221, 234, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 234, 55) }
```

Border

The CSS property to change the border of an element to YUV 209.7070, -76.2706, 9.9040 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(221, 234, 55) }
```


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

```
.border{ border-color:rgb(221, 234, 55) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 234, 55)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 234, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 234, 55);  
box-shadow:4px 4px 4px 4px rgb(221, 234,  
55) }
```

Background

The CSS property to change the background color of an element to YUV 209.7070, -76.2706, 9.9040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 234, 55) }
```

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

```
.background{ background-color: rgb(221,  
234, 55) }
```

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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