

Converting Colors

YUV(212.3570, -72.1540,
-3.8211)

Have a look what the booklet for
YUV(212.3570, -72.1540, -3.8211)
contains.

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Color

**YUV(212.3570, -72.1540,
-3.8211)**

Conversions

Conversions Part 1

Format	Color
Hex	D0F342
RGB	208, 243, 66
RGB Percent	82%, 95%, 26%
CMY	0.1843, 0.0471, 0.7412
CMYK	0.14, 0.00, 0.73, 0.05
HSL	72°, 88%, 61%
HSV	72°, 73%, 95%
XYZ	59.0464, 77.9044, 17.0792
YIQ	212.3570, 35.9570, -62.4670

Conversions

Conversions Part 2

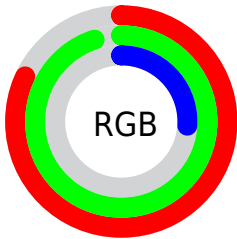
Format	Color
RYB	66, 243, 101
Decimal	13693762
CIELab	90.74, -33.44, 76.17
CIELCh	91, 83.183, 113.701
Yxy	77.9044, 0.3833, 0.5058
Android (android.graphics.Color)	4291883842 (0xFFD0F342)
YUV	212.3570, -72.1540, -3.8211
Hunter-Lab	88.2635, -35.0484, 50.3117

Details

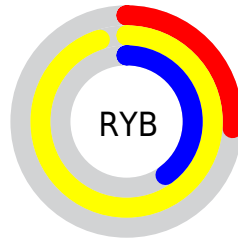
The YUV color **212.3570, -72.1540, -3.8211** is a light color, and the websafe version is hex **CCFF33**. The color can be described as light washed yellow. A complement of this color would be **96.6430, 72.1540, 3.8211**, and the grayscale version is **213.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **240.1800, -56.7837, 12.9971**, and **154.3200, -76.0798, -4.6656** is the 20% darker color. If you saturate the color by 10%, you get **208.1260, -81.9001, -4.4955**, and if you desaturate by 10%, it is **216.5880, -62.4079, -3.1467**.

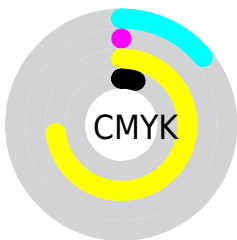
Distribution



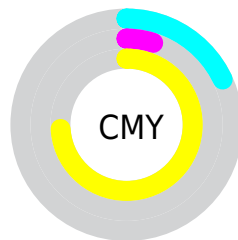
- Red (82%)
- Green (95%)
- Blue (26%)



- Red (26%)
- Yellow (95%)
- Blue (40%)



- Cyan (14%)
- Magenta (0%)
- Yellow (73%)
- Black (5%)



- Cyan (18%)
- Magenta (5%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the YUV color 212.3570, -72.1540, -3.8211 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 212.3570, -72.1540, -3.8211 by changing the saturation by 10% instead.

■ 212.3570,
-72.1540, -3.8211

■ 212.3570,
-72.1540, -3.8211

255.0000, 0.0000,
0.0000

■ 183.1460,
-75.5010, -3.6360

■ 240.1800,
-56.7837, 12.9971

■ 154.3200,
-76.0798, -4.6656

■ 243.4860,
-44.1166, 10.0978

■ 130.0990,
-64.1388, -7.9798

■ 246.7920,
-31.4495, 7.1984

■ 106.1660,
-52.3398, -12.4236

■ 250.0980,
-18.7823, 4.2991

■ 82.5320, -40.6883,
-16.2526

■ 253.5180, -5.6784,
1.2997

■ 59.4740, -29.3207,
-22.3407

■ 35.2200, -17.3635,

-30.8879

■ 22.8930, -11.2862,
-20.0772

■ 2.9350, -1.4470,
-2.5740

■ 212.3570,
-72.1540, -3.8211

■ 212.3570,
-72.1540, -3.8211

■ 208.1260,
-81.9001, -4.4955

■ 216.5880,
-62.4079, -3.1467

■ 203.7810,
-92.0830, -5.0699

■ 220.9330,
-52.2250, -2.5722

■ 200.9460,
-99.0664, -5.2146

■ 224.8650,
-42.3314, -2.5126

■ 229.0960,
-32.5853, -1.8382

■ 233.3270,
-22.8392, -1.1638

■ 237.6720,
-12.6563, -0.5893

■ 241.9030, -2.9102,
0.0851

■ 245.2650, 4.7994,
0.6446

■ 246.7600, 4.0623,
3.7185

Harmonies

Analogous

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



210.7260, -78.2519, 38.8283



212.3570, -72.1540, -3.8211



194.8890, -32.4833, -81.4637

Triad

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



212.3570, -72.1540, -3.8211



178.7550, 37.5888, -156.7681



195.0290, 26.6077, 52.5946

Complementary

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



212.3570, -72.1540, -3.8211



96.6430, 72.1540, 3.8211

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.



210.9750, 21.7043, 38.6099



212.3570, -72.1540, -3.8211



171.7110, 41.0615, -150.5905

Square

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



212.3570, -72.1540, -3.8211



178.7550, 37.5888, -156.7681



214.1890, 20.1198, -13.3208



188.8440, -9.7831, 58.0188

Rectangle

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



212.3570, -72.1540, -3.8211



170.3190, 5.2657, -149.3698



214.1890, 20.1198, -13.3208



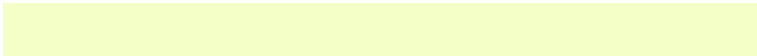
199.2350, 27.4921, 48.9059

Sweetspot

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



212.3570, -72.1540, -3.8211



245.3270, -22.8392, -1.1638



137.7070, -35.3516, 92.3420



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.



212.3570, -72.1540, -3.8211



216.5360, -90.4832, -4.8551



186.6430, -59.4770, -56.6919



120.0340, -4.9468, -0.0298



153.7330, -75.7904, -4.1508



48.6860, -24.0022, -1.4786

Inverse Universe

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



96.6430, 72.1540, 3.8211



71.4640, 90.4832, 4.8551



122.3570, 59.4770, 56.6919



112.2650, 4.7994, 0.6446



32.2670, 75.7904, 4.1508



10.3140, 24.0022, 1.4786

Previews

White Background



This preview shows how the YUV color 212.3570, -72.1540, -3.8211 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 212.3570, -72.1540, -3.8211 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 212.3570, -72.1540, -3.8211 Background



This preview shows how black text looks on a background with the YUV color 212.3570, -72.1540, -3.8211.



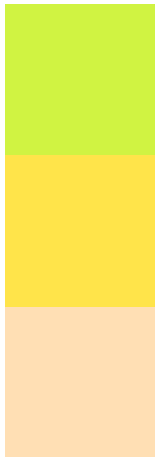
This preview shows how white text looks on a background with the YUV color 212.3570, -72.1540, -3.8211.

-3.8211.

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

212.3570, -72.1540, -3.8211

Protanopia

218.5170, -71.2469, 31.9956

Deuteranopia

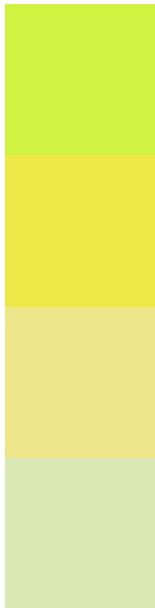
227.6660, -23.4993, 23.9719



Tritanopia

228.7530, 8.0098, -2.4144

Trichromacy



Original Color

212.3570, -72.1540, -3.8211

Protanomaly

216.0270, -71.4983, 19.2703

Deuteranomaly

222.0180, -40.9279, 14.0162

Tritanomaly

222.7720, -21.0866, -3.3080

Monochromacy



Original Color

212.3570, -72.1540, -3.8211

Achromatopsia

212.0000, 0.0000, 0.0000

Achromatomaly

212.1160, -26.1862, -0.9787

CSS Examples

Text

The CSS property to change the color of the text to YUV 212.3570, -72.1540, -3.8211 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(208, 243, 66)` looks like.

```
.text, #text, p{  
    color:rgb(208, 243, 66)  
}
```

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(208, 243, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 243, 66) }
```

Border

The CSS property to change the border of an element to YUV 212.3570, -72.1540, -3.8211 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(208, 243, 66) }
```


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

```
.border{ border-color:rgb(208, 243, 66) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 243, 66)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 243, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 243, 66);  
box-shadow:4px 4px 4px 4px rgb(208, 243,  
66) }
```

Background

The CSS property to change the background color of an element to YUV 212.3570, -72.1540, -3.8211 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 243, 66) }
```

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

```
.background{ background-color: rgb(208,  
243, 66) }
```

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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