

Converting Colors

YUV(206.4690, -71.7162,
42.5617)

Have a look what the booklet for
YUV(206.4690, -71.7162, 42.5617)
contains.

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Color

**YUV(206.4690, -71.7162,
42.5617)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD23D
RGB	255, 210, 61
RGB Percent	100%, 82%, 24%
CMY	0.0000, 0.1765, 0.7608
CMYK	0.00, 0.18, 0.76, 0.00
HSL	46°, 100%, 62%
HSV	46°, 76%, 100%
XYZ	65.1289, 67.6901, 14.0477
YIQ	206.4690, 74.6490, -36.7990

Conversions

Conversions Part 2

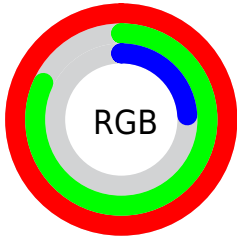
Format	Color
RYB	120, 255, 61
Decimal	16765501
CIELab	85.85, 1.79, 74.55
CIELCh	86, 74.567, 88.622
Yxy	67.6901, 0.4435, 0.4609
Android (android.graphics.Color)	4294955581 (0xFFFFD23D)
YUV	206.4690, -71.7162, 42.5617
Hunter-Lab	82.2740, -2.6772, 47.4684

Details

The YUV color **206.4690, -71.7162, 42.5617** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed yellow. A complement of this color would be **109.5310, 71.7162, -42.5617**, and the grayscale version is **207.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **239.4960, -59.4045, 13.5970**, and **149.5780, -73.7420, 38.9581** is the 20% darker color. If you saturate the color by 10%, you get **199.9830, -81.3366, 48.2499**, and if you desaturate by 10%, it is **212.9550, -62.0958, 36.8735**.

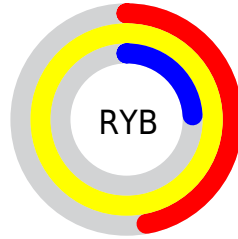
Distribution



Red (100%)

Green (82%)

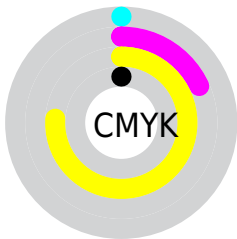
Blue (24%)



Red (47%)

Yellow (100%)

Blue (24%)

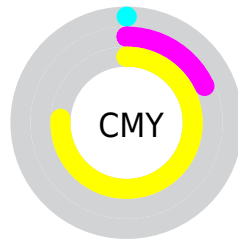


Cyan (0%)

Magenta (18%)

Yellow (76%)

Black (0%)



Cyan (0%)

Magenta (18%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YUV color 206.4690, -71.7162, 42.5617 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 206.4690, -71.7162, 42.5617 by changing the saturation by 10% instead.

206.4690,
-71.7162, 42.5617

206.4690,
-71.7162, 42.5617

255.0000, 0.0000,
0.0000

177.3610,
-74.6210, 40.9024

239.4960,
-59.4045, 13.5970

149.5780,
-73.7420, 38.9581

242.6880,
-47.1742, 10.7976

125.3460,
-61.7956, 33.8996

245.9940,
-34.5070, 7.8983

102.0000,
-50.2860, 28.9410

249.1860,
-22.2767, 5.0989

79.2410, -39.0658,
23.4676

252.6060, -9.1728,
2.0995

57.9550, -28.5718,
17.5795

37.8540, -18.6620,

12.4060

■ 18.3510, -9.0470,
8.4622

■ 0.0000, 0.0000,
0.0000

■ 206.4690,
-71.7162, 42.5617

■ 206.4690,
-71.7162, 42.5617

■ 199.9830,
-81.3366, 48.2499

■ 212.9550,
-62.0958, 36.8735

■ 193.6110,
-90.5202, 53.8382

■ 219.3270,
-52.9122, 31.2852

■ 191.2970,
-94.3094, 55.8675

■ 225.8130,
-43.2918, 25.5970

■ 232.1850,
-34.1082, 20.0088

■ 238.6710,
-24.4878, 14.3205

■ 244.4560,
-15.0148, 9.2471

■ 250.9420, -5.3944,
3.5589

255.0000, 0.0000,
0.0000

Harmonies

Analogous

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



194.2680, -49.9251, 53.2620



206.4690, -71.7162, 42.5617



199.5590, -58.4496, -12.7682

Triad

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



206.4690, -71.7162, 42.5617



174.6460, 39.6145, -153.1645



203.9310, 25.1770, 44.7875

Complementary

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



206.4690, -71.7162, 42.5617



109.5310, 71.7162, -42.5617

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.



207.4990, 23.4180, 2.1934



206.4690, -71.7162, 42.5617



169.9500, 41.9297, -149.0461

Square

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



206.4690, -71.7162, 42.5617



169.4020, 19.5218, -148.5656



160.5580, 46.5599, -140.8094



189.4890, 15.5349, 57.4531

Rectangle

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



206.4690, -71.7162, 42.5617



191.1910, -37.0692, -57.1725



160.5580, 46.5599, -140.8094



209.2140, 22.5725, 40.1543

Sweetspot

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



206.4690, -71.7162, 42.5617



240.0560, -21.7196, 13.1059



124.1360, -8.9410, 114.7677



118.6130, -13.1202, 8.2324



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.



206.4690, -71.7162, 42.5617



196.8540, -85.7100, 50.9940



217.3360, -77.0736, -12.5727



124.7570, -4.8102, 2.8441



143.3980, -70.6952, 41.7470



47.8990, -23.6142, 14.1206

Inverse Universe

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



109.5310, 71.7162, -42.5617



81.1460, 85.7100, -50.9940



98.6640, 77.0736, 12.5727



118.2430, 4.8102, -2.8441



47.6020, 70.6952, -41.7470



16.1010, 23.6142, -14.1206

Previews

White Background



This preview shows how the YUV color 206.4690, -71.7162, 42.5617 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 206.4690, -71.7162, 42.5617 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 206.4690, -71.7162, 42.5617

Background



This preview shows how black text looks on a background with the YUV color 206.4690, -71.7162, 42.5617.



This preview shows how white text looks on a background with the YUV color 206.4690, -71.7162, 42.5617.

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

206.4690, -71.7162, 42.5617

Protanopia

205.3320, -70.6627, 31.2808

Deuteranopia

212.6880, -40.2722, 37.1076



Tritanopia

218.4000, -3.1552, 32.0982

Trichromacy



Original Color

206.4690, -71.7162, 42.5617

Protanomaly

205.6530, -70.8209, 35.3843

Deuteranomaly

210.4250, -51.4815, 39.0923

Tritanomaly

213.8910, -28.0473, 36.0526

Monochromacy



Original Color

206.4690, -71.7162, 42.5617

Achromatopsia

206.0000, 0.0000, 0.0000

Achromatomaly

205.9270, -26.0930, 15.8500

CSS Examples

Text

The CSS property to change the color of the text to YUV 206.4690, -71.7162, 42.5617 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(255, 210, 61)` looks like.

```
.text, #text, p{  
    color:rgb(255, 210, 61)  
}
```

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(255, 210, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 210, 61) }
```

Border

The CSS property to change the border of an element to YUV 206.4690, -71.7162, 42.5617 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(255, 210, 61) }
```


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

```
.border{ border-color:rgb(255, 210, 61) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 210, 61)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 210, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 210, 61);  
box-shadow:4px 4px 4px 4px rgb(255, 210,  
61) }
```

Background

The CSS property to change the background color of an element to YUV 206.4690, -71.7162, 42.5617 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 210, 61) }
```

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

```
.background{ background-color: rgb(255,  
210, 61) }
```

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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