

Converting Colors

YUV(212.2080, -72.5735,
37.5286)

Have a look what the booklet for
YUV(212.2080, -72.5735, 37.5286)
contains.

YUV(212.2080, -72.5735, 37.5286)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(212.2080, -72.5735,
37.5286)**

Conversions

Conversions Part 1

Format	Color
Hex	FFDB41
RGB	255, 219, 65
RGB Percent	100%, 86%, 25%
CMY	0.0000, 0.1412, 0.7451
CMYK	0.00, 0.14, 0.75, 0.00
HSL	49°, 100%, 63%
HSV	49°, 75%, 100%
XYZ	67.5257, 72.3047, 15.3982
YIQ	212.2080, 70.8900, -40.2620

Conversions

Conversions Part 2

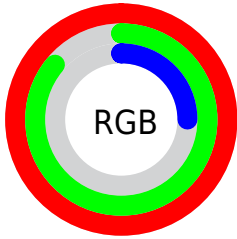
Format	Color
RYB	109, 255, 65
Decimal	16767809
CIELab	88.12, -2.62, 75.31
CIELCh	88, 75.355, 91.994
Yxy	72.3047, 0.4350, 0.4658
Android (android.graphics.Color)	4294957889 (0xFFFFDB41)
YUV	212.2080, -72.5735, 37.5286
Hunter-Lab	85.0322, -7.0561, 48.7858

Details

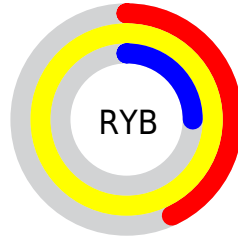
The YUV color **212.2080, -72.5735, 37.5286** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed yellow. A complement of this color would be **107.7920, 72.5735, -37.5286**, and the grayscale version is **213.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **239.9520, -57.6573, 13.1971**, and **154.2740, -76.0571, 34.8397** is the 20% darker color. If you saturate the color by 10%, you get **206.3090, -82.4833, 42.7020**, and if you desaturate by 10%, it is **217.9930, -63.1005, 32.4551**.

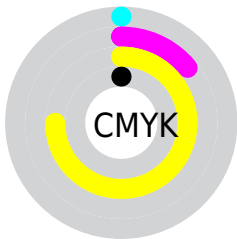
Distribution



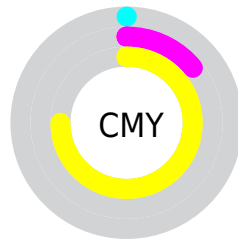
- Red (100%)
- Green (86%)
- Blue (25%)



- Red (43%)
- Yellow (100%)
- Blue (25%)



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



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

Brightness & Saturation Gradients

These gradients show how the YUV color 212.2080, -72.5735, 37.5286 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 212.2080, -72.5735, 37.5286 by changing the saturation by 10% instead.

212.2080,
-72.5735, 37.5286

212.2080,
-72.5735, 37.5286

255.0000, 0.0000,
0.0000

182.6270,
-74.7521, 36.2841

239.9520,
-57.6573, 13.1971

154.2740,
-76.0571, 34.8397

243.1440,
-45.4270, 10.3977

130.0420,
-64.1107, 29.7812

246.4500,
-32.7599, 7.4983

106.6960,
-52.6011, 24.8226

249.7560,
-20.0927, 4.5990

84.2360, -41.5283,
19.9640

253.0620, -7.4256,
1.6996

62.3630, -30.7450,
14.5906

41.6750, -20.5458,

9.9320

■ 22.4600, -11.0728,
4.8586

■ 0.0000, 0.0000,
0.0000

■ 212.2080,
-72.5735, 37.5286

■ 212.2080,
-72.5735, 37.5286

■ 206.3090,
-82.4833, 42.7020

■ 217.9930,
-63.1005, 32.4551

■ 200.5240,
-91.9563, 47.7755

■ 223.8920,
-53.1908, 27.2817

■ 197.7540,
-97.4927, 50.2047

■ 229.2040,
-42.9916, 22.6231

■ 234.9890,
-33.5186, 17.5496

■ 240.8880,
-23.6088, 12.3762

■ 246.6730,
-14.1358, 7.3028

■ 252.4580, -4.6628,
2.2293

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.



199.4370, -52.9664, 48.7288



212.2080, -72.5735, 37.5286



205.0850, -56.2439, -20.2455

Triad

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



212.2080, -72.5735, 37.5286



178.7550, 37.5888, -156.7681



205.1050, 24.5982, 43.7579

Complementary

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



212.2080, -72.5735, 37.5286



107.7920, 72.5735, -37.5286

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.



214.9410, 19.7491, 12.3297



212.2080, -72.5735, 37.5286



173.4720, 40.1933, -152.1349

Square

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



212.2080, -72.5735, 37.5286



175.2210, 24.0480, -153.6688



177.8560, 38.0320, -112.1297



192.1960, 13.2144, 55.0791

Rectangle

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



212.2080, -72.5735, 37.5286



195.7490, -33.4003, -67.3089



177.8560, 38.0320, -112.1297



210.9750, 21.7043, 38.6099

Sweetspot

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



212.2080, -72.5735, 37.5286



242.1590, -21.2774, 11.2616



126.1420, -11.4090, 113.0085



120.0150, -12.8254, 7.0028



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.



212.2080, -72.5735, 37.5286



203.8810, -86.7093, 44.8314



216.2970, -74.5894, -16.0465



124.7570, -4.8102, 2.8441



148.0940, -73.0103, 37.6286



49.6600, -24.4824, 12.5762

Inverse Universe

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



107.7920, 72.5735, -37.5286



79.1190, 86.7093, -44.8314



103.7030, 74.5894, 16.0465



117.6560, 5.0996, -2.3293



42.9060, 73.0103, -37.6286



14.3400, 24.4824, -12.5762

Previews

White Background



This preview shows how the YUV color 212.2080, -72.5735, 37.5286 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 212.2080, -72.5735, 37.5286 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 212.2080, -72.5735, 37.5286

Background



This preview shows how black text looks on a background with the YUV color 212.2080, -72.5735, 37.5286.



This preview shows how white text looks on a background with the YUV color 212.2080, -72.5735, 37.5286.

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

212.2080, -72.5735, 37.5286

Protanopia

211.9900, -71.9731, 31.5808

Deuteranopia

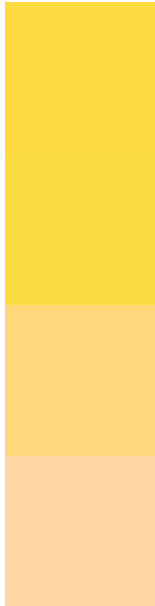
220.3480, -31.2306, 30.3898



Tritanopia

224.1220, -1.5391, 27.0800

Trichromacy



Original Color

212.2080, -72.5735, 37.5286

Protanomaly

212.3000, -72.1259, 33.9399

Deuteranomaly

217.1730, -45.9343, 33.1743

Tritanomaly

219.9720, -27.5942, 30.7196

Monochromacy



Original Color

212.2080, -72.5735, 37.5286

Achromatopsia

212.0000, 0.0000, 0.0000

Achromatomaly

212.5030, -26.3770, 13.5909

CSS Examples

Text

The CSS property to change the color of the text to YUV 212.2080, -72.5735, 37.5286 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, 219, 65)` looks like.

```
.text, #text, p{  
    color:rgb(255, 219, 65)  
}
```

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, 219, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 219, 65) }
```

Border

The CSS property to change the border of an element to YUV 212.2080, -72.5735, 37.5286 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, 219, 65) }
```


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

```
.border{ border-color:rgb(255, 219, 65) }
```

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

Here you see how a box with a 4 pixel rgb(255, 219, 65) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 219, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 219, 65);  
box-shadow:4px 4px 4px 4px rgb(255, 219,  
65) }
```

Background

The CSS property to change the background color of an element to YUV 212.2080, -72.5735, 37.5286 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 219, 65) }
```

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

```
.background{ background-color: rgb(255,  
219, 65) }
```

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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