

Converting Colors

YUV(215.2740, -76.0571,
34.8397)

Have a look what the booklet for
YUV(215.2740, -76.0571, 34.8397)
contains.

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Color

**YUV(215.2740, -76.0571,
34.8397)**

Conversions

Conversions Part 1

Format	Color
Hex	FFE13D
RGB	255, 225, 61
RGB Percent	100%, 88%, 24%
CMY	0.0000, 0.1176, 0.7608
CMYK	0.00, 0.12, 0.76, 0.00
HSL	51°, 100%, 62%
HSV	51°, 76%, 100%
XYZ	69.0075, 75.4473, 15.3406
YIQ	215.2740, 70.5240, -44.6440

Conversions

Conversions Part 2

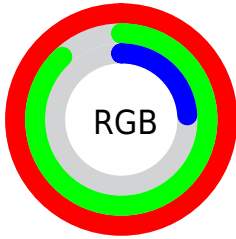
Format	Color
R_{YB}	96, 255, 61
Decimal	16769341
CIE _{Lab}	89.60, -5.79, 78.00
CIE _{LCh}	90, 78.218, 94.247
Yxy	75.4473, 0.4318, 0.4721
Android (android.graphics.Color)	4294959421 (0xFFFFE13D)
YUV	215.2740, -76.0571, 34.8397
Hunter-Lab	86.8604, -10.1939, 50.3310

Details

The YUV color **215.2740, -76.0571, 34.8397** 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 **100.7260, 76.0571, -34.8397**, and the grayscale version is **216.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **239.6100, -58.9677, 13.4970**, and **157.7960, -77.7934, 31.7509** is the 20% darker color. If you saturate the color by 10%, you get **209.9620, -86.2563, 39.4983**, and if you desaturate by 10%, it is **220.5860, -65.8579, 30.1811**.

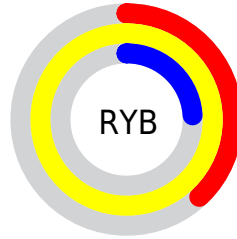
Distribution



Red (100%)

Green (88%)

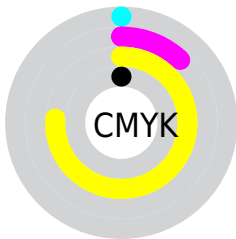
Blue (24%)



Red (38%)

Yellow (100%)

Blue (24%)

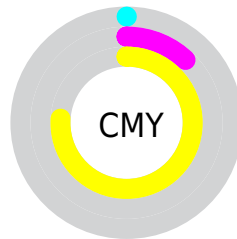


Cyan (0%)

Magenta (12%)

Yellow (76%)

Black (0%)



Cyan (0%)

Magenta (12%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YUV color 215.2740, -76.0571, 34.8397 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 215.2740, -76.0571, 34.8397 by changing the saturation by 10% instead.

215.2740,
-76.0571, 34.8397

215.2740,
-76.0571, 34.8397

255.0000, 0.0000,
0.0000

185.2370,
-79.9828, 33.9952

239.6100,
-58.9677, 13.4970

157.7960,
-77.7934, 31.7509

242.9160,
-46.3006, 10.5977

133.5640,
-65.8471, 26.6924

246.2220,
-33.6334, 7.6983

110.2180,
-54.3375, 21.7338

249.5280,
-20.9663, 4.7989

87.1710, -42.9753,
17.3900

252.8340, -8.2992,
1.8996

65.2980, -32.1919,
12.0167

44.3110, -21.8453,

6.7433

■ 24.8080, -12.2303,
2.7994

■ 0.0000, 0.0000,
0.0000

■ 215.2740,
-76.0571, 34.8397

■ 215.2740,
-76.0571, 34.8397

■ 209.9620,
-86.2563, 39.4983

■ 220.5860,
-65.8579, 30.1811

■ 204.7640,
-96.0187, 44.0570

■ 225.7840,
-56.0955, 25.6224

■ 203.0370,
-100.0972, 45.5716

■ 231.0960,
-45.8963, 20.9638

■ 236.2940,
-36.1339, 16.4052

■ 241.6060,
-25.9348, 11.7465

■ 246.8040,
-16.1724, 7.1879

■ 252.1160, -5.9732,
2.5293

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.



201.8020, -56.5974, 46.6546



215.2740, -76.0571, 34.8397



207.6390, -56.5170, -25.9934

Triad

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



215.2740, -76.0571, 34.8397



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.



215.2740, -76.0571, 34.8397



100.7260, 76.0571, -34.8397

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.



219.4150, 17.5434, 19.8070



215.2740, -76.0571, 34.8397



175.8200, 39.0357, -154.1941

Square

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



215.2740, -76.0571, 34.8397



176.3610, 28.4160, -154.6686



184.7110, 34.6525, -101.4785



192.0820, 12.7776, 55.1791

Rectangle

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



215.2740, -76.0571, 34.8397



196.5520, -31.3311, -77.6601



184.7110, 34.6525, -101.4785



210.9750, 21.7043, 38.6099

Sweetspot

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



215.2740, -76.0571, 34.8397



242.9910, -23.1666, 10.5319



122.6540, -14.6194, 116.0674



120.3740, -13.9884, 6.6880



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.



215.2740, -76.0571, 34.8397



207.4200, -90.9191, 41.7277



213.4490, -75.1574, -20.5648



125.3440, -5.0996, 2.3293



152.2030, -75.0361, 34.0250



50.8340, -25.0612, 11.5466

Inverse Universe

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



100.7260, 76.0571, -34.8397



70.5800, 90.9191, -41.7277



102.5510, 75.1574, 20.5648



117.6560, 5.0996, -2.3293



39.3840, 74.7467, -34.5398



13.1660, 25.0612, -11.5466

Previews

White Background



This preview shows how the YUV color 215.2740, -76.0571, 34.8397 looks on a white background.

Color Contrast Check

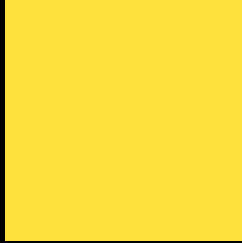
Large Text (above 18pt) WCAG AA × Fail

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 215.2740, -76.0571, 34.8397 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 215.2740, -76.0571, 34.8397

Background



This preview shows how black text looks on a background with the YUV color 215.2740, -76.0571, 34.8397.



This preview shows how white text looks on a background with the YUV color 215.2740, -76.0571,

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

215.2740, -76.0571, 34.8397

Protanopia

215.2630, -76.0517, 33.0953

Deuteranopia

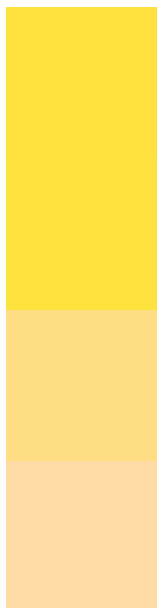
224.8790, -26.5623, 26.4161



Tritanopia

228.2140, -1.0915, 23.4913

Trichromacy



Original Color

215.2740, -76.0571, 34.8397

Protanomaly

215.5620, -76.1991, 33.7101

Deuteranomaly

221.4930, -44.6130, 29.3856

Tritanomaly

223.7220, -28.4569, 27.4308

Monochromacy



Original Color

215.2740, -76.0571, 34.8397

Achromatopsia

215.0000, 0.0000, 0.0000

Achromatomaly

215.4490, -27.8294, 12.7612

CSS Examples

Text

The CSS property to change the color of the text to YUV 215.2740, -76.0571, 34.8397 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, 225, 61)` looks like.

```
.text, #text, p{  
    color:rgb(255, 225, 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, 225, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 225, 61) }
```

Border

The CSS property to change the border of an element to YUV 215.2740, -76.0571, 34.8397 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, 225, 61) }
```


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

```
.border{ border-color:rgb(255, 225, 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, 225, 61) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 225, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 225, 61);  
box-shadow:4px 4px 4px 4px rgb(255, 225,  
61) }
```

Background

The CSS property to change the background color of an element to YUV 215.2740, -76.0571, 34.8397 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 225, 61) }
```

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

```
.background{ background-color: rgb(255,  
225, 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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