

Converting Colors

YUV(221.2740, -79.5081,
21.6847)

Have a look what the booklet for
YUV(221.2740, -79.5081, 21.6847)
contains.

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Color

**YUV(221.2740, -79.5081,
21.6847)**

Conversions

Conversions Part 1

Format	Color
Hex	F6F03C
RGB	246, 240, 60
RGB Percent	96%, 94%, 24%
CMY	0.0353, 0.0588, 0.7647
CMYK	0.00, 0.02, 0.76, 0.04
HSL	58°, 91%, 60%
HSV	58°, 76%, 96%
XYZ	69.9817, 82.2393, 16.4603
YIQ	221.2740, 61.3560, -54.7080

Conversions

Conversions Part 2

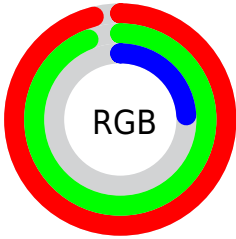
Format	Color
RYB	66, 246, 60
Decimal	16183356
CIELab	92.68, -16.96, 80.84
CIELCh	93, 82.597, 101.846
Yxy	82.2393, 0.4149, 0.4875
Android (android.graphics.Color)	4294373436 (0xFFFF6F03C)
YUV	221.2740, -79.5081, 21.6847
Hunter-Lab	90.6859, -20.9529, 52.7184

Details

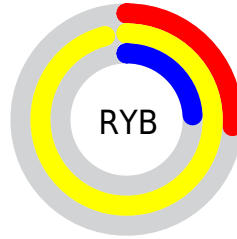
The YUV color **221.2740, -79.5081, 21.6847** is a light color, and the websafe version is hex **FFFF33**. The color can be described as light washed yellow. A complement of this color would be **84.7260, 79.5081, -21.6847**, and the grayscale version is **222.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **239.7240, -58.5309, 13.3971**, and **163.6220, -80.6656, 19.6255** is the 20% darker color. If you saturate the color by 10%, you get **217.8370, -90.1386, 24.6990**, and if you desaturate by 10%, it is **224.7110, -68.8775, 18.6705**.

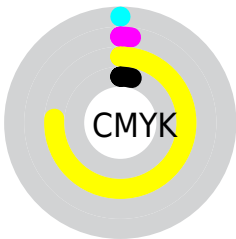
Distribution



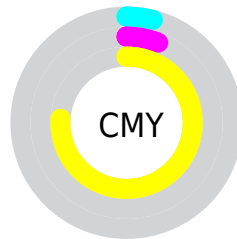
- Red (96%)
- Green (94%)
- Blue (24%)



- Red (26%)
- Yellow (96%)
- Blue (24%)



- Cyan (0%)
- Magenta (2%)
- Yellow (76%)
- Black (4%)



- Cyan (4%)
- Magenta (6%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YUV color 221.2740, -79.5081, 21.6847 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 221.2740, -79.5081, 21.6847 by changing the saturation by 10% instead.

221.2740,
-79.5081, 21.6847

221.2740,
-79.5081, 21.6847

255.0000, 0.0000,
0.0000

190.9660,
-85.7652, 21.9548

239.7240,
-58.5309, 13.3971

163.6220,
-80.6656, 19.6255

243.0300,
-45.8638, 10.4977

139.3900,
-68.7193, 14.5670

246.3360,
-33.1966, 7.5983

115.4570,
-56.9203, 10.1232

249.6420,
-20.5295, 4.6990

92.4100, -45.5581,
5.7794

253.0620, -7.4256,
1.6996

69.9500, -34.4853,
0.9209

48.6750, -23.9968,

-3.2230

■ 27.9870, -13.7976,
-7.8816

■ 9.9790, -4.9196,
-8.7516

■ 221.2740,
-79.5081, 21.6847

■ 221.2740,
-79.5081, 21.6847

■ 217.8370,
-90.1386, 24.6990

■ 224.7110,
-68.8775, 18.6705

■ 214.5140,
-100.3324, 27.6132

■ 228.0340,
-58.6838, 15.7562

■ 213.2600,
-105.1372, 28.7130

■ 230.8840,
-47.7638, 13.2567

■ 234.2070,
-37.5701, 10.3425

■ 237.6440,
-26.9395, 7.3282

■ 241.0810,
-16.3089, 4.3140

■ 244.4040, -6.1152,
1.3997

■ 247.0260, 3.9312,
-0.8998

■ 247.6130, 3.6418,
-1.4146

Harmonies

Analogous

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



209.1250, -66.6166, 40.2324



221.2740, -79.5081, 21.6847



209.2390, -49.9108, -44.9366

Triad

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



221.2740, -79.5081, 21.6847



178.7550, 37.5888, -156.7681



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.



221.2740, -79.5081, 21.6847



84.7260, 79.5081, -21.6847

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.



222.1280, 16.2059, 28.8287



221.2740, -79.5081, 21.6847



178.7550, 37.5888, -156.7681

Square

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



221.2740, -79.5081, 21.6847



178.7550, 37.5888, -156.7681



205.9180, 24.1974, -61.3181



193.6490, 6.0890, 53.8048

Rectangle

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



221.2740, -79.5081, 21.6847



184.0990, -14.3458, -112.3428



205.9180, 24.1974, -61.3181



209.2140, 22.5725, 40.1543

Sweetspot

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



221.2740, -79.5081, 21.6847



247.1000, -25.1923, 6.9283



116.2980, -24.7969, 113.7487



122.7220, -15.1459, 4.6288



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.



221.2740, -79.5081, 21.6847



224.4430, -99.3114, 26.7985



198.7830, -68.4200, -34.8897



120.6320, -5.2416, 1.1997



161.2740, -79.5081, 21.6847



51.1000, -25.1923, 6.9283

Inverse Universe

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



84.7260, 79.5081, -21.6847



53.5570, 99.3114, -26.7985



107.2170, 68.4200, 34.8897



111.9550, 4.9522, -1.7145



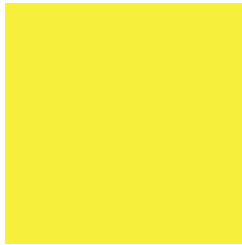
24.7260, 79.5081, -21.6847



7.9000, 25.1923, -6.9283

Previews

White Background



This preview shows how the YUV color 221.2740, -79.5081, 21.6847 looks on a white background.

Color Contrast Check

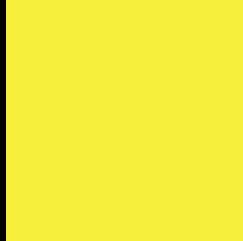
Large Text (above 18pt) WCAG AA × Fail

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 221.2740, -79.5081, 21.6847 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 221.2740, -79.5081, 21.6847 Background



This preview shows how black text looks on a background with the YUV color 221.2740, -79.5081, 21.6847.



This preview shows how white text looks on a background with the YUV color 221.2740, -79.5081,

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

221.2740, -79.5081, 21.6847

Protanopia

229.3350, -45.0282, 22.5082

Deuteranopia

233.8270, -17.6627, 18.5687



Tritanopia

236.2670, 1.8404, 16.4288

Trichromacy



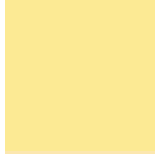
Original Color

221.2740, -79.5081, 21.6847



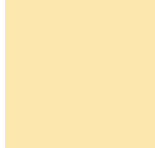
Protanomaly

226.4200, -57.3951, 22.4337



Deuteranomaly

229.5780, -40.2180, 19.6641



Tritanomaly

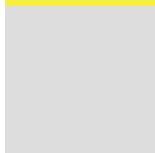
230.8950, -27.5562, 18.5091

Monochromacy



Original Color

221.2740, -79.5081, 21.6847



Achromatopsia

221.0000, 0.0000, 0.0000



Achromatomaly

221.0740, -29.1235, 7.8281

CSS Examples

Text

The CSS property to change the color of the text to YUV 221.2740, -79.5081, 21.6847 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(246, 240, 60)` looks like.

```
.text, #text, p{  
    color:rgb(246, 240, 60)  
}
```

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(246, 240, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 240, 60) }
```

Border

The CSS property to change the border of an element to YUV 221.2740, -79.5081, 21.6847 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(246, 240, 60) }
```


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

```
.border{ border-color:rgb(246, 240, 60) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 240, 60)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 240, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 240, 60);  
box-shadow:4px 4px 4px 4px rgb(246, 240,  
60) }
```

Background

The CSS property to change the background color of an element to YUV 221.2740, -79.5081, 21.6847 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 240, 60) }
```

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

```
.background{ background-color: rgb(246,  
240, 60) }
```

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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