

Converting Colors

YUV(239.7020, -38.3071,
13.4163)

Have a look what the booklet for
YUV(239.7020, -38.3071, 13.4163)
contains.

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Color

**YUV(239.7020, -38.3071,
13.4163)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | FFF7A2 |
| RGB | 255, 247, 162 |
| RGB Percent | 100%, 97%, 64% |
| CMY | 0.0000, 0.0314, 0.3647 |
| CMYK | 0.00, 0.03, 0.36, 0.00 |
| HSL | 55°, 100%, 82% |
| HSV | 55°, 36%, 100% |
| XYZ | 81.0224, 90.3902, 47.3591 |
| YIQ | 239.7020, 32.0530, -24.7390 |

Conversions

Conversions Part 2

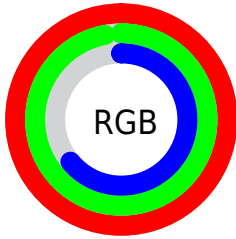
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 171, 255, 162 |
| Decimal | 16775074 |
| CIE _{Lab} | 96.16, -9.35, 41.84 |
| CIE _{LCh} | 96, 42.875, 102.601 |
| Yxy | 90.3902, 0.3704, 0.4132 |
| Android (android.graphics.Color) | 4294965154 (0xFFFFF7A2) |
| YUV | 239.7020, -38.3071, 13.4163 |
| Hunter-Lab | 95.0737, -14.2604, 37.0175 |

Details

The YUV color $239.7020, -38.3071, 13.4163$ is a light color, and the websafe version is hex $FFFF99$. A complement of this color would be $177.2980, 38.3071, -13.4163$, and the grayscale version is $240.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $250.7820, -16.1615, 3.6992$, and $183.4460, -36.7019, 11.8869$ is the 20% darker color. If you saturate the color by 10%, you get $235.5640, -49.0851, 17.0454$, and if you desaturate by 10%, it is $243.7260, -27.9659, 9.8873$.

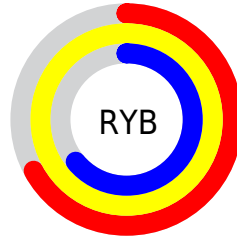
Distribution



Red (100%)

Green (97%)

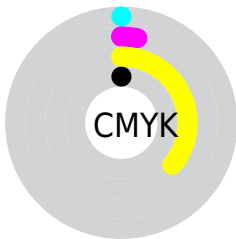
Blue (64%)



Red (67%)

Yellow (100%)

Blue (64%)

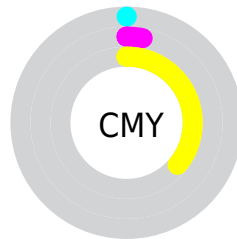


Cyan (0%)

Magenta (3%)

Yellow (36%)

Black (0%)



Cyan (0%)

Magenta (3%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YUV color 239.7020, -38.3071, 13.4163 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 239.7020, -38.3071, 13.4163 by changing the saturation by 10% instead.

239.7020,
-38.3071, 13.4163

239.7020,
-38.3071, 13.4163

255.0000, 0.0000,
0.0000

211.5170,
-37.7229, 12.7016

250.7820,
-16.1615, 3.6992

183.4460,
-36.7019, 11.8869

253.9740, -3.9312,
0.8998

156.3750,
-35.6809, 11.0721

129.8910,
-34.9493, 9.7426

104.0050,
-34.5125, 9.6426

78.9510, -35.9648,
8.8130

57.2910, -28.2445,

5.8838

■ 36.9020, -18.1927,
1.8399

■ 16.4910, -8.1301,
-5.6926

■ 239.7020,
-38.3071, 13.4163

■ 239.7020,
-38.3071, 13.4163

■ 235.5640,
-49.0851, 17.0454

■ 243.7260,
-27.9659, 9.8873

■ 231.5400,
-59.4262, 20.5744

■ 247.8640,
-17.1880, 6.2583

■ 226.9290,
-69.4780, 24.6183

■ 252.5890, -6.6994,
2.1144

■ 222.7910,
-80.2560, 28.2473

255.0000, 0.0000,
0.0000

■ 218.6530,
-91.0339, 31.8763

■ 214.6290,
-101.3751, 35.4054

■ 213.0160,
-105.0169, 36.8200

Harmonies

Analogous

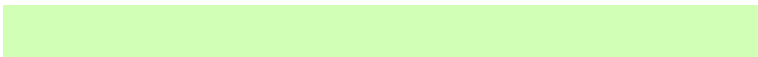
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



231.8260, -32.9452, 20.3236



239.7020, -38.3071, 13.4163



232.8100, -25.5423, -20.8814

Triad

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



239.7020, -38.3071, 13.4163



209.8510, 22.2585, -92.8313



231.5200, 11.5756, 20.5920

Complementary

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



239.7020, -38.3071, 13.4163



177.2980, 38.3071, -13.4163

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.



238.5640, 8.1029, 14.4144



239.7020, -38.3071, 13.4163



223.6050, 15.4777, -64.5516

Square

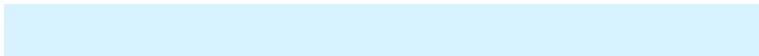
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



239.7020, -38.3071, 13.4163



212.8410, 20.7844, -86.6836



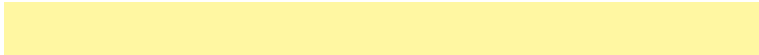
235.4090, 9.6584, -17.8987



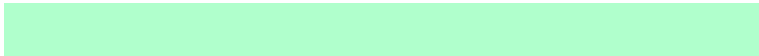
227.2680, 0.3609, 24.3210

Rectangle

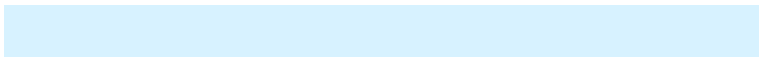
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



239.7020, -38.3071, 13.4163



225.5650, -10.6315, -43.4685



235.4090, 9.6584, -17.8987



233.8680, 10.4181, 18.5328

Sweetspot

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



239.7020, -38.3071, 13.4163



250.6340, -11.6516, 3.8290



190.8330, -9.7777, 56.2745



124.8880, -6.8468, 2.7292



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

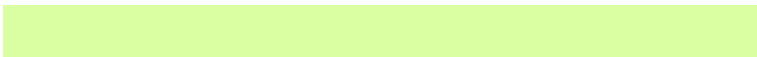
The Same Dimension uses a secret algorithm to generate beautiful new colors.



239.7020, -38.3071, 13.4163



236.3620, -46.0275, 16.3455



233.3350, -35.1682, -13.4488



125.3440, -5.0996, 2.3293



159.8340, -78.7982, 27.3326



53.1820, -26.2187, 9.4874

Inverse Universe

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



177.2980, 38.3071, -13.4163



161.0510, 46.3169, -15.8307



183.6650, 35.1682, 13.4488



117.0690, 5.3890, -1.8145



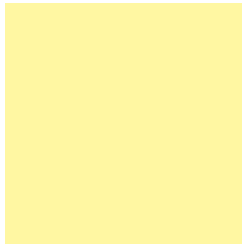
31.1660, 78.7982, -27.3326



10.2310, 26.5081, -8.9726

Previews

White Background



This preview shows how the YUV color 239.7020, -38.3071, 13.4163 looks on a white background.

Color Contrast Check

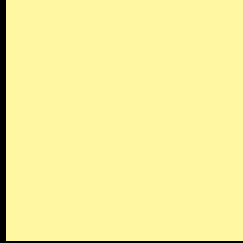
Large Text (above 18pt) WCAG AA × Fail

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 239.7020, -38.3071, 13.4163 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 239.7020, -38.3071, 13.4163 Background



This preview shows how black text looks on a background with the YUV color 239.7020, -38.3071, 13.4163.

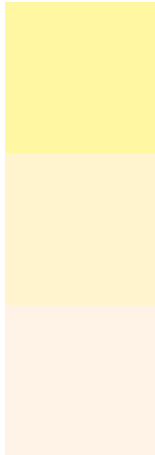


This preview shows how white text looks on a background with the YUV color 239.7020, -38.3071,

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

239.7020, -38.3071, 13.4163

Protanopia

242.9570, -18.2198, 10.5617

Deuteranopia

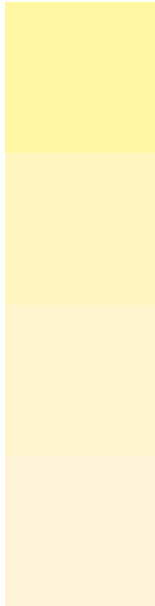
244.5190, -7.1579, 9.1918



Tritanopia

245.5110, 1.7201, 8.3219

Trichromacy



Original Color

239.7020, -38.3071, 13.4163

Protanomaly

241.7200, -25.4980, 11.6466

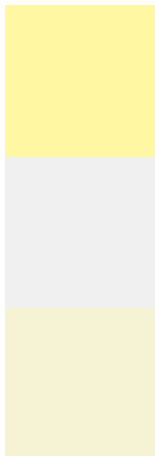
Deuteranomaly

242.8430, -18.6566, 10.6617

Tritanomaly

243.6240, -13.1256, 9.9768

Monochromacy



Original Color

239.7020, -38.3071, 13.4163

Achromatopsia

240.0000, 0.0000, 0.0000

Achromatomaly

240.0640, -13.8356, 4.3289

CSS Examples

Text

The CSS property to change the color of the text to YUV 239.7020, -38.3071, 13.4163 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, 247, 162)` looks like.

```
.text, #text, p{  
    color:rgb(255, 247, 162)  
}
```

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, 247, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 247, 162) }
```

Border

The CSS property to change the border of an element to YUV 239.7020, -38.3071, 13.4163 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, 247, 162) }
```


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

```
.border{ border-color:rgb(255, 247, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 247, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 247, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 247, 162);  
box-shadow:4px 4px 4px 4px rgb(255, 247,  
162) }
```

Background

The CSS property to change the background color of an element to YUV 239.7020, -38.3071, 13.4163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 247, 162) }
```

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

```
.background{ background-color: rgb(255,  
247, 162) }
```

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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