

Converting Colors

YUV(237.7890, -40.3220,
6.3240)

Have a look what the booklet for
YUV(237.7890, -40.3220, 6.3240)
contains.

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Color

**YUV(237.7890, -40.3220,
6.3240)**

Conversions

Conversions Part 1

Format	Color
Hex	F5FA9C
RGB	245, 250, 156
RGB Percent	96%, 98%, 61%
CMY	0.0392, 0.0196, 0.3882
CMYK	0.02, 0.00, 0.38, 0.02
HSL	63°, 90%, 80%
HSV	63°, 38%, 98%
XYZ	77.8425, 90.1840, 44.7570
YIQ	237.7890, 27.1940, -30.2940

Conversions

Conversions Part 2

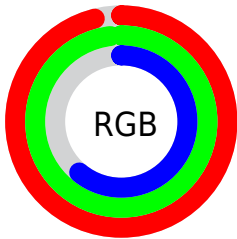
Format	Color
R_{YB}	156, 250, 161
Decimal	16120476
CIE _{Lab}	96.07, -15.27, 44.52
CIE _{LCh}	96, 47.069, 108.931
Yxy	90.1840, 0.3658, 0.4238
Android (android.graphics.Color)	4294310556 (0xFFFF5FA9C)
YUV	237.7890, -40.3220, 6.3240
Hunter-Lab	94.9653, -19.8736, 38.5324

Details

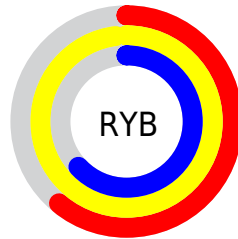
The YUV color $237.7890, -40.3220, 6.3240$ is a light color, and the websafe version is hex $FFFF99$. A complement of this color would be $168.2110, 40.3220, -6.3240$, and the grayscale version is $238.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $250.0980, -18.7823, 4.2991$, and $181.5330, -38.7168, 4.7946$ is the 20% darker color. If you saturate the color by 10%, you get $234.6400, -51.0945, 8.2087$, and if you desaturate by 10%, it is $240.9380, -29.5494, 4.4394$.

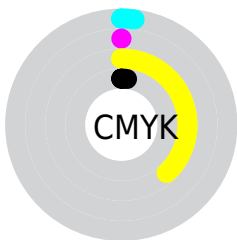
Distribution



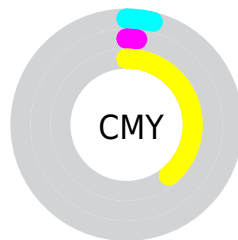
- Red (96%)
- Green (98%)
- Blue (61%)



- Red (61%)
- Yellow (98%)
- Blue (63%)



- Cyan (2%)
- Magenta (0%)
- Yellow (38%)
- Black (2%)



- Cyan (4%)
- Magenta (2%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YUV color 237.7890, -40.3220, 6.3240 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 237.7890, -40.3220, 6.3240 by changing the saturation by 10% instead.

237.7890,
-40.3220, 6.3240

237.7890,
-40.3220, 6.3240

255.0000, 0.0000,
0.0000

209.0170,
-39.4484, 6.1241

250.0980,
-18.7823, 4.2991

181.5330,
-38.7168, 4.7946

253.2900, -6.5520,
1.4997

154.1740,
-37.5538, 5.1094

127.5760,
-37.2590, 3.8798

102.2770,
-37.1116, 3.2651

76.7500, -37.8377,
2.8502

56.0730, -27.6440,

-0.0640

■ 35.3850, -17.4448,
-4.7226

■ 15.2620, -7.5242,
-13.3848

■ 237.7890,
-40.3220, 6.3240

■ 237.7890,
-40.3220, 6.3240

■ 234.6400,
-51.0945, 8.2087

■ 240.9380,
-29.5494, 4.4394

■ 231.1920,
-61.7197, 9.4786

■ 244.3860,
-18.9243, 3.1695

■ 228.0430,
-72.4922, 11.3633

■ 247.5350, -8.1518,
1.2848

■ 224.8940,
-83.2647, 13.2480

■ 250.5700, 2.1840,
-0.4999

■ 221.4460,
-93.8899, 14.5179

■ 251.1680, 1.8892,
0.7297

■ 218.2970,
-104.6624, 16.4025

■ 251.4670, 1.7418,
1.3444

■ 217.6130,
-107.2832, 17.0024

■ 251.7660, 1.5944,
1.9592

■ 252.0650, 1.4470,
2.5740

Harmonies

Analogous

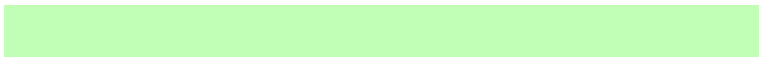
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



231.7460, -38.3288, 20.3938



237.7890, -40.3220, 6.3240



228.1400, -22.7470, -30.8178

Triad

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



237.7890, -40.3220, 6.3240



202.6750, 25.7962, -107.5860



228.5850, 13.0226, 23.1660

Complementary

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



237.7890, -40.3220, 6.3240



168.2110, 40.3220, -6.3240

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.



235.6290, 9.5499, 16.9884



237.7890, -40.3220, 6.3240



222.4310, 16.0565, -63.5220

Square

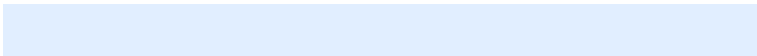
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



237.7890, -40.3220, 6.3240



202.0770, 26.0910, -108.8155



236.0510, 9.3419, -9.6917



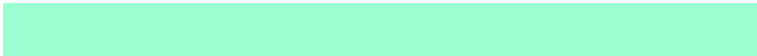
224.1390, -4.0125, 27.0651

Rectangle

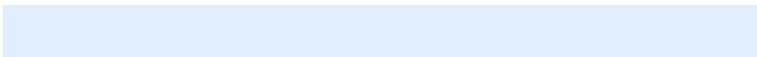
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



237.7890, -40.3220, 6.3240



219.8560, -5.3520, -56.8787



236.0510, 9.3419, -9.6917



230.3460, 12.1544, 21.6216

Sweetspot

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



237.7890, -40.3220, 6.3240



251.5090, -12.0829, 2.1846



187.0410, -15.3032, 55.2150



125.7630, -7.2782, 1.0848



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

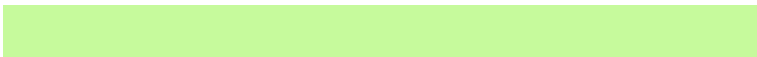
The Same Dimension uses a secret algorithm to generate beautiful new colors.



237.7890, -40.3220, 6.3240



240.0960, -49.3473, 7.8088



223.7360, -33.3938, -22.5705



123.2190, -5.5310, 0.6849



164.4640, -81.0808, 12.7481



53.1490, -26.2025, 4.2543

Inverse Universe

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



168.2110, 40.3220, -6.3240



154.9040, 49.3473, -7.8088



182.2640, 33.3938, 22.5705



113.7810, 5.5310, -0.6849



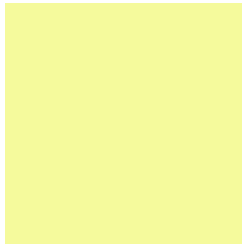
24.5360, 81.0808, -12.7481



7.8510, 26.2025, -4.2543

Previews

White Background



This preview shows how the YUV color 237.7890, -40.3220, 6.3240 looks on a white background.

Color Contrast Check

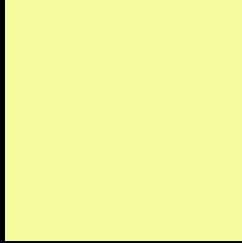
Large Text (above 18pt) WCAG AA × Fail

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 237.7890, -40.3220, 6.3240 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 237.7890, -40.3220, 6.3240

Background



This preview shows how black text looks on a background with the YUV color 237.7890, -40.3220, 6.3240.

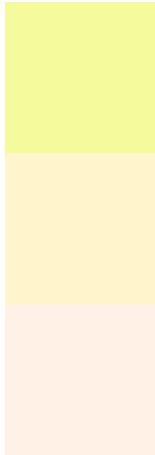


This preview shows how white text looks on a background with the YUV color 237.7890, -40.3220, 6.3240.

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

237.7890, -40.3220, 6.3240

Protanopia

242.6150, -19.5302, 10.8616

Deuteranopia

243.8180, -7.3053, 9.8066



Tritanopia

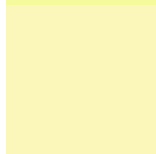
245.6080, 4.6303, 8.2368

Trichromacy



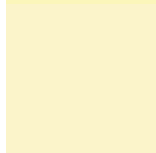
Original Color

237.7890, -40.3220, 6.3240



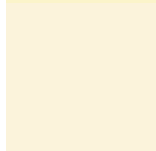
Protanomaly

240.6550, -26.9449, 9.0726



Deuteranomaly

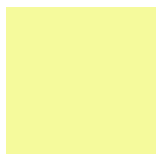
241.3050, -19.3774, 8.5025



Tritanomaly

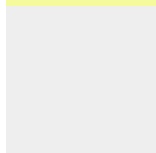
242.6560, -11.6624, 7.3177

Monochromacy



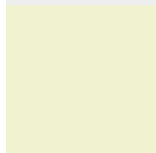
Original Color

237.7890, -40.3220, 6.3240



Achromatopsia

238.0000, 0.0000, 0.0000



Achromatomaly

237.8250, -14.7037, 2.7845

CSS Examples

Text

The CSS property to change the color of the text to YUV 237.7890, -40.3220, 6.3240 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(245, 250, 156)` looks like.

```
.text, #text, p{  
    color:rgb(245, 250, 156)  
}
```

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(245, 250, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 250, 156) }
```

Border

The CSS property to change the border of an element to YUV 237.7890, -40.3220, 6.3240 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(245, 250, 156) }
```


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

```
.border{ border-color:rgb(245, 250, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 250, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 250, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 250, 156);  
box-shadow:4px 4px 4px 4px rgb(245, 250,  
156) }
```

Background

The CSS property to change the background color of an element to YUV 237.7890, -40.3220, 6.3240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 250, 156) }
```

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

```
.background{ background-color: rgb(245,  
250, 156) }
```

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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