

Converting Colors

YUV(237.8270, -37.8757,
15.0607)

Have a look what the booklet for
YUV(237.8270, -37.8757, 15.0607)
contains.

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Color

**YUV(237.8270, -37.8757,
15.0607)**

Conversions

Conversions Part 1

Format	Color
Hex	FFF4A1
RGB	255, 244, 161
RGB Percent	100%, 96%, 63%
CMY	0.0000, 0.0431, 0.3686
CMYK	0.00, 0.04, 0.37, 0.00
HSL	53°, 100%, 82%
HSV	53°, 37%, 100%
XYZ	80.0237, 88.5346, 46.5894
YIQ	237.8270, 33.1990, -23.4810

Conversions

Conversions Part 2

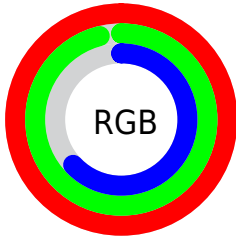
Format	Color
RYB	173, 255, 161
Decimal	16774305
CIELab	95.39, -7.98, 41.34
CIELCh	95, 42.098, 100.925
Yxy	88.5346, 0.3719, 0.4115
Android (android.graphics.Color)	4294964385 (0xFFFFFFFF4A1)
YUV	237.8270, -37.8757, 15.0607
Hunter-Lab	94.0928, -12.8524, 36.5079

Details

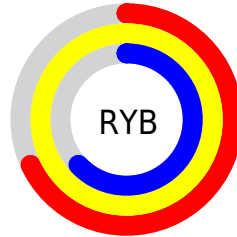
The YUV color $237.8270, -37.8757, 15.0607$ is a light color, and the websafe version is hex $FFFF99$. A complement of this color would be $178.1730, 37.8757, -15.0607$, and the grayscale version is $238.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $250.6680, -16.5983, 3.7992$, and $181.5710, -36.2705, 13.5312$ is the 20% darker color. If you saturate the color by 10%, you get $233.1020, -48.3643, 19.2045$, and if you desaturate by 10%, it is $242.5520, -27.3871, 10.9169$.

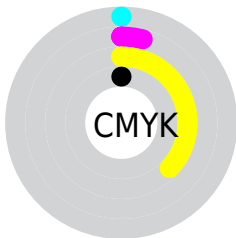
Distribution



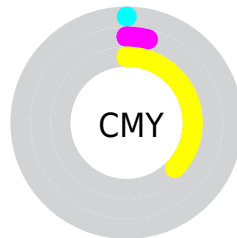
- Red (100%)
- Green (96%)
- Blue (63%)



- Red (68%)
- Yellow (100%)
- Blue (63%)



- Cyan (0%)
- Magenta (4%)
- Yellow (37%)
- Black (0%)



- Cyan (0%)
- Magenta (4%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the YUV color 237.8270, -37.8757, 15.0607 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 237.8270, -37.8757, 15.0607 by changing the saturation by 10% instead.

237.8270,
-37.8757, 15.0607

237.8270,
-37.8757, 15.0607

255.0000, 0.0000,
0.0000

209.6420,
-37.2915, 14.3460

250.6680,
-16.5983, 3.7992

181.5710,
-36.2705, 13.5312

253.8600, -4.3680,
0.9998

154.5000,
-35.2495, 12.7165

128.0160,
-34.5179, 11.3870

102.7170,
-34.3705, 10.7722

77.0760, -35.5335,
10.4573

55.5300, -27.3763,

7.4282

■ 35.7280, -17.6139,
2.8695

■ 15.3170, -7.5513,
-4.6630

■ 237.8270,
-37.8757, 15.0607

■ 237.8270,
-37.8757, 15.0607

■ 233.1020,
-48.3643, 19.2045

■ 242.5520,
-27.3871, 10.9169

■ 228.4910,
-58.4161, 23.2484

■ 247.1630,
-17.3354, 6.8730

■ 223.7660,
-68.9046, 27.3922

■ 251.8880, -6.8468,
2.7292

■ 219.1550,
-78.9564, 31.4361

255.0000, 0.0000,
0.0000

■ 214.4300,
-89.4450, 35.5799

■ 209.8190,
-99.4968, 39.6237

■ 208.3200,
-102.7018, 40.9384

Harmonies

Analogous

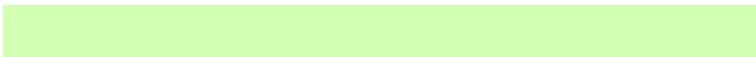
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



230.0650, -32.0770, 21.8680



237.8270, -37.8757, 15.0607



232.8810, -26.5633, -20.0666

Triad

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



237.8270, -37.8757, 15.0607



210.1500, 22.1110, -92.2166



230.9330, 11.8650, 21.1068

Complementary

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



237.8270, -37.8757, 15.0607



178.1730, 37.8757, -15.0607

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.



237.9770, 8.3923, 14.9292



237.8270, -37.8757, 15.0607



221.5340, 16.4987, -65.3663

Square

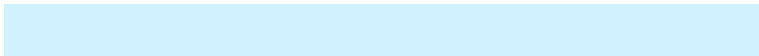
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



237.8270, -37.8757, 15.0607



213.7380, 20.3422, -84.8392



233.3270, 10.6848, -20.4578



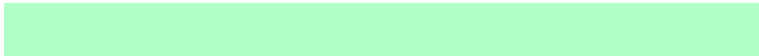
226.0940, 0.9397, 25.3506

Rectangle

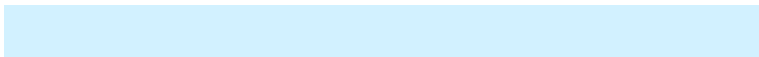
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



237.8270, -37.8757, 15.0607



225.8210, -12.2368, -41.9390



233.3270, 10.6848, -20.4578



232.6940, 10.9969, 19.5624

Sweetspot

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



237.8270, -37.8757, 15.0607



250.0470, -11.3622, 4.3438



190.5880, -8.1779, 56.4893



124.8880, -6.8468, 2.7292



0.0000, 0.0000, 0.0000



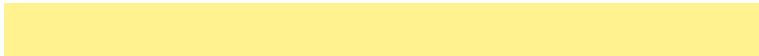
128.0000, 0.0000, 0.0000

Same Dimension

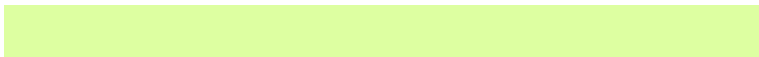
The Same Dimension uses a secret algorithm to generate beautiful new colors.



237.8270, -37.8757, 15.0607



234.6010, -45.1593, 17.8899



234.1180, -36.0472, -11.5045



125.3440, -5.0996, 2.3293



156.3120, -77.0618, 30.4214



52.0080, -25.6399, 10.5170

Inverse Universe

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



178.1730, 37.8757, -15.0607



163.3990, 45.1593, -17.8899



181.8820, 36.0472, 11.5045



117.0690, 5.3890, -1.8145



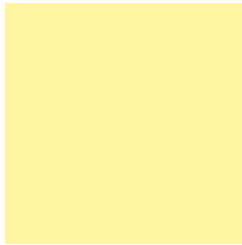
34.6880, 77.0618, -30.4214



11.4050, 25.9293, -10.0022

Previews

White Background



This preview shows how the YUV color 237.8270, -37.8757, 15.0607 looks on a white background.

Color Contrast Check

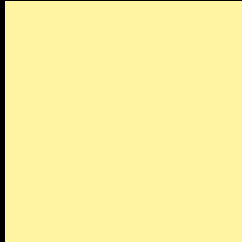
Large Text (above 18pt) WCAG AA × Fail

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 237.8270, -37.8757, 15.0607 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

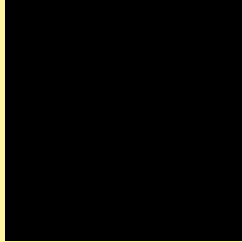
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 237.8270, -37.8757, 15.0607

Background



This preview shows how black text looks on a background with the YUV color 237.8270, -37.8757, 15.0607.

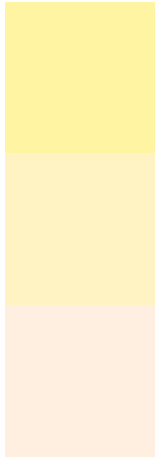


This preview shows how white text looks on a background with the YUV color 237.8270, -37.8757, 15.0607.

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

237.8270, -37.8757, 15.0607

Protanopia

240.5290, -22.4458, 12.6911

Deuteranopia

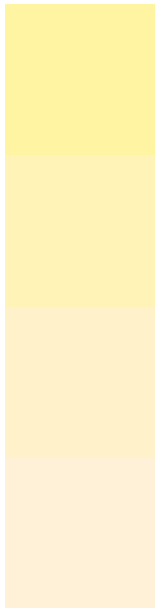
242.1880, -8.4737, 11.2361



Tritanopia

243.5220, 1.7147, 10.0662

Trichromacy



Original Color

237.8270, -37.8757, 15.0607

Protanomaly

239.7480, -27.9768, 13.3760

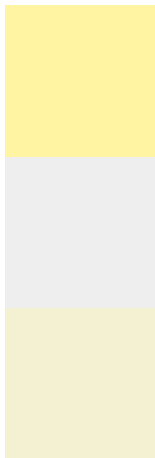
Deuteranomaly

240.7400, -19.0988, 12.5060

Tritanomaly

241.7490, -12.6943, 11.6211

Monochromacy



Original Color

237.8270, -37.8757, 15.0607

Achromatopsia

238.0000, 0.0000, 0.0000

Achromatomaly

237.7760, -13.6936, 5.4584

CSS Examples

Text

The CSS property to change the color of the text to YUV 237.8270, -37.8757, 15.0607 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, 244, 161)` looks like.

```
.text, #text, p{  
    color:rgb(255, 244, 161)  
}
```

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, 244, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 244, 161) }
```

Border

The CSS property to change the border of an element to YUV 237.8270, -37.8757, 15.0607 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, 244, 161) }
```


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

```
.border{ border-color:rgb(255, 244, 161) }
```

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

Here you see how a box with a 4 pixel rgb(255, 244, 161) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 244, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 244, 161);  
box-shadow:4px 4px 4px 4px rgb(255, 244,  
161) }
```

Background

The CSS property to change the background color of an element to YUV 237.8270, -37.8757, 15.0607 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 244, 161) }
```

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

```
.background{ background-color: rgb(255,  
244, 161) }
```

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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