

Converting Colors

YUV(237.9750, -45.8367,
1.7759)

Have a look what the booklet for
YUV(237.9750, -45.8367, 1.7759)
contains.

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Color

**YUV(237.9750, -45.8367,
1.7759)**

Conversions

Conversions Part 1

Format	Color
Hex	F0FF91
RGB	240, 255, 145
RGB Percent	94%, 100%, 57%
CMY	0.0588, 0.0000, 0.4314
CMYK	0.06, 0.00, 0.43, 0.00
HSL	68°, 100%, 78%
HSV	68°, 43%, 100%
XYZ	76.8060, 92.0896, 40.5150
YIQ	237.9750, 26.3700, -37.3900

Conversions

Conversions Part 2

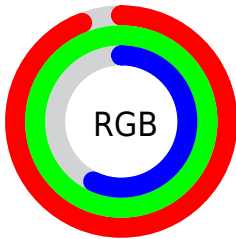
Format	Color
R_{YB}	145, 255, 160
Decimal	15794065
CIE _{Lab}	96.86, -20.74, 50.73
CIE _{LCh}	97, 54.803, 112.232
Yxy	92.0896, 0.3668, 0.4398
Android (android.graphics.Color)	4293984145 (0xFFFF0FF91)
YUV	237.9750, -45.8367, 1.7759
Hunter-Lab	95.9633, -25.0701, 42.1425

Details

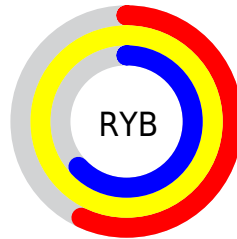
The YUV color $237.9750, -45.8367, 1.7759$ is a light color, and the websafe version is hex $FFFF99$. A complement of this color would be $162.0250, 45.8367, -1.7759$, and the grayscale version is $238.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $248.7300, -24.0239, 5.4988$, and $181.1320, -43.9421, 0.7612$ is the 20% darker color. If you saturate the color by 10%, you get $234.2280, -56.3144, 2.4310$, and if you desaturate by 10%, it is $241.8360, -34.9221, 1.0208$.

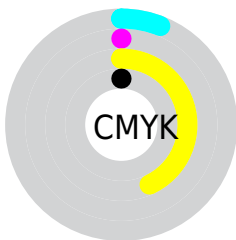
Distribution



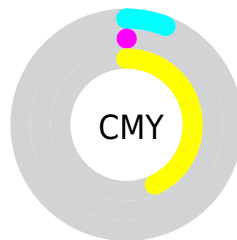
- Red (94%)
- Green (100%)
- Blue (57%)



- Red (57%)
- Yellow (100%)
- Blue (63%)



- Cyan (6%)
- Magenta (0%)
- Yellow (43%)
- Black (0%)



- Cyan (6%)
- Magenta (0%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the YUV color 237.9750, -45.8367, 1.7759 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 237.9750, -45.8367, 1.7759 by changing the saturation by 10% instead.

237.9750,
-45.8367, 1.7759

237.9750,
-45.8367, 1.7759

255.0000, 0.0000,
0.0000

209.2030,
-44.9631, 1.5760

248.7300,
-24.0239, 5.4988

181.1320,
-43.9421, 0.7612

252.0360,
-11.3567, 2.5994

153.9470,
-43.3579, 0.0465

127.5340,
-43.6473, -0.4683

100.4370,
-46.5574, -0.3832

77.3040, -38.1109,
-2.8976

55.7410, -27.4803,

-5.9119

■ 35.0530, -17.2811,
-10.5705

■ 17.0230, -8.3923,
-14.9292

■ 237.9750,
-45.8367, 1.7759

■ 237.9750,
-45.8367, 1.7759

■ 234.2280,
-56.3144, 2.4310

■ 241.8360,
-34.9221, 1.0208

■ 230.0680,
-67.0815, 2.5714

■ 245.8820,
-24.5918, 0.9805

■ 226.2070,
-77.9961, 3.3265

■ 249.7430,
-13.6773, 0.2254

■ 222.1610,
-88.3264, 3.3668

■ 253.7890, -3.3470,
0.1850

■ 218.3000,
-99.2409, 4.1219

255.0000, 0.0000,
0.0000

■ 215.4650,
-106.2242, 3.9772

Harmonies

Analogous

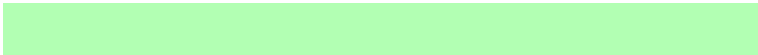
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



231.9110, -45.3121, 20.2491



237.9750, -45.8367, 1.7759



223.3130, -21.8463, -39.7395

Triad

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



237.9750, -45.8367, 1.7759



178.7550, 37.5888, -156.7681



225.6500, 14.4696, 25.7400

Complementary

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



237.9750, -45.8367, 1.7759



162.0250, 45.8367, -1.7759

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.



233.2810, 10.7075, 19.0476



237.9750, -45.8367, 1.7759



219.4190, 17.5414, -73.1585

Square

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



237.9750, -45.8367, 1.7759



178.7550, 37.5888, -156.7681



237.2580, 8.7468, -5.4883



220.8790, -6.3493, 29.9241

Rectangle

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



237.9750, -45.8367, 1.7759



212.4240, -0.2090, -73.1628



237.2580, 8.7468, -5.4883



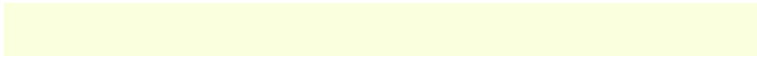
227.4110, 13.6014, 24.1956

Sweetspot

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



237.9750, -45.8367, 1.7759



249.7430, -13.6773, 0.2254



186.6950, -20.5556, 59.9035



124.7090, -8.7305, 0.2552



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

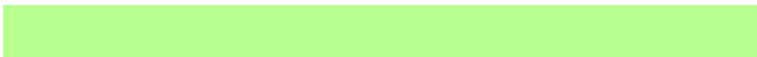
The Same Dimension uses a secret algorithm to generate beautiful new colors.



237.9750, -45.8367, 1.7759



234.4560, -55.4408, 2.2311



221.5300, -37.7293, -32.0368



125.9200, -5.3836, 0.0702



161.4520, -79.5958, 3.1116



54.0130, -26.6284, 0.8656

Inverse Universe

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



162.0250, 45.8367, -1.7759



142.5440, 55.4408, -2.2311



178.4700, 37.7293, 32.0368



116.7810, 5.5310, -0.6849



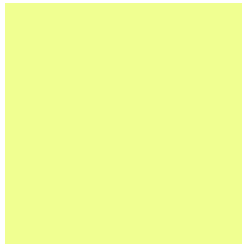
29.5480, 79.5958, -3.1116



9.9870, 26.6284, -0.8656

Previews

White Background



This preview shows how the YUV color 237.9750, -45.8367, 1.7759 looks on a white background.

Color Contrast Check

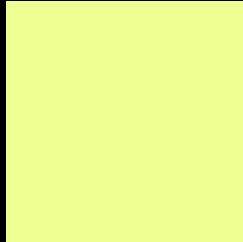
Large Text (above 18pt) WCAG AA × Fail

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 237.9750, -45.8367, 1.7759 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 237.9750, -45.8367, 1.7759

Background



This preview shows how black text looks on a background with the YUV color 237.9750, -45.8367, 1.7759.



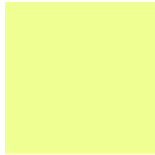
This preview shows how white text looks on a background with the YUV color 237.9750, -45.8367, 1.7759.

1.7759.

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



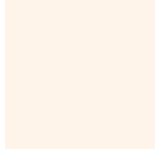
Original Color

237.9750, -45.8367, 1.7759



Protanopia

244.9290, -15.7410, 8.8323



Deuteranopia

246.0350, -6.4263, 7.8623



Tritanopia

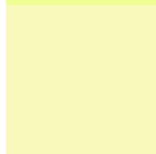
246.7600, 4.0623, 3.7185

Trichromacy



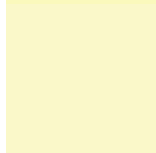
Original Color

237.9750, -45.8367, 1.7759



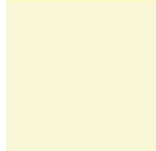
Protanomaly

242.3450, -26.7921, 6.7134



Deuteranomaly

243.2400, -20.8243, 5.9285



Tritanomaly

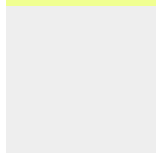
243.3520, -13.9775, 3.1993

Monochromacy



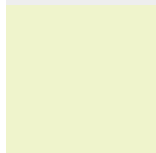
Original Color

237.9750, -45.8367, 1.7759



Achromatopsia

238.0000, 0.0000, 0.0000



Achromatomaly

237.9450, -16.7349, 0.9252

CSS Examples

Text

The CSS property to change the color of the text to YUV 237.9750, -45.8367, 1.7759 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(240, 255, 145)` looks like.

```
.text, #text, p{  
    color:rgb(240, 255, 145)  
}
```

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(240, 255, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 255, 145) }
```

Border

The CSS property to change the border of an element to YUV 237.9750, -45.8367, 1.7759 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(240, 255, 145) }
```


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

```
.border{ border-color:rgb(240, 255, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 255, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 255, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 255, 145);  
box-shadow:4px 4px 4px 4px rgb(240, 255,  
145) }
```

Background

The CSS property to change the background color of an element to YUV 237.9750, -45.8367, 1.7759 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 255, 145) }
```

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

```
.background{ background-color: rgb(240,  
255, 145) }
```

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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