

Converting Colors

YUV(218.2460, -46.9563,
-12.4937)

Have a look what the booklet for
YUV(218.2460, -46.9563, -12.4937)
contains.

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Color

**YUV(218.2460, -46.9563,
-12.4937)**

Conversions

Conversions Part 1

Format	Color
Hex	CCF47B
RGB	204, 244, 123
RGB Percent	80%, 96%, 48%
CMY	0.2000, 0.0431, 0.5176
CMYK	0.16, 0.00, 0.50, 0.04
HSL	80°, 85%, 72%
HSV	80°, 50%, 96%
XYZ	60.8277, 78.9688, 30.7754
YIQ	218.2460, 15.0010, -46.1110

Conversions

Conversions Part 2

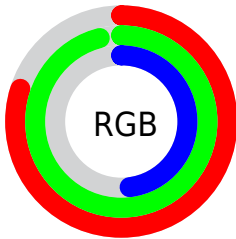
Format	Color
RYB	123, 244, 163
Decimal	13431931
CIELab	91.22, -31.27, 53.61
CIELCh	91, 62.064, 120.259
Yxy	78.9688, 0.3566, 0.4630
Android (android.graphics.Color)	4291622011 (0xFFCCCF47B)
YUV	218.2460, -46.9563, -12.4937
Hunter-Lab	88.8644, -33.3294, 41.6718

Details

The YUV color **218.2460, -46.9563, -12.4937** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **148.7540, 46.9563, 12.4937**, and the grayscale version is **219.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **246.2220, -33.6334, 7.6983**, and **162.5880, -45.6459, -12.7937** is the 20% darker color. If you saturate the color by 10%, you get **213.1180, -56.2602, -15.0125**, and if you desaturate by 10%, it is **223.3740, -37.6524, -9.9750**.

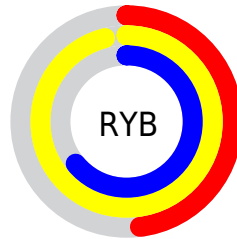
Distribution



Red (80%)

Green (96%)

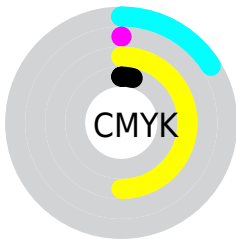
Blue (48%)



Red (48%)

Yellow (96%)

Blue (64%)

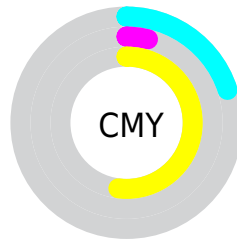


Cyan (16%)

Magenta (0%)

Yellow (50%)

Black (4%)



Cyan (20%)

Magenta (4%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the YUV color 218.2460, -46.9563, -12.4937 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 218.2460, -46.9563, -12.4937 by changing the saturation by 10% instead.

■ 218.2460,
-46.9563, -12.4937

■ 218.2460,
-46.9563, -12.4937

■ 255.0000, 0.0000,
0.0000

■ 189.4740,
-46.0827, -12.6937

■ 246.2220,
-33.6334, 7.6983

■ 162.5880,
-45.6459, -12.7937

■ 249.4140,
-21.4031, 4.8989

■ 135.2890,
-45.4985, -13.4085

■ 252.7200, -8.7360,
1.9996

■ 107.3770,
-48.9929, -12.6086

■ 84.0160, -41.4199,
-14.9230

■ 61.5670, -30.3525,
-18.0373

■ 38.1990, -18.8321,

-26.4845

■ 22.8930, -11.2862,
-20.0772

■ 4.6960, -2.3151,
-4.1184

■ 218.2460,
-46.9563, -12.4937

■ 218.2460,
-46.9563, -12.4937

■ 213.1180,
-56.2602, -15.0125

■ 223.3740,
-37.6524, -9.9750

■ 207.8760,
-66.0009, -17.4313

■ 228.6160,
-27.9117, -7.5562

■ 202.7480,
-75.3048, -19.9500

■ 233.7440,
-18.6078, -5.0375

■ 197.5060,
-85.0455, -22.3688

■ 238.9860, -8.8671,
-2.6187

■ 192.3780,
-94.3494, -24.8875

■ 244.1140, 0.4368,
-0.1000

■ 191.9650,
-94.6387, -25.4023

■ 247.6460, 3.6255,
3.8185

■ 248.5430, 3.1833,
5.6628

Harmonies

Analogous

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



221.6920, -56.5432, 29.2111



218.2460, -46.9563, -12.4937



207.1090, -19.2807, -69.3786

Triad

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



218.2460, -46.9563, -12.4937



176.4070, 38.7463, -154.7089



208.3530, 11.6580, 40.9094

Complementary

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



218.2460, -46.9563, -12.4937



148.7540, 46.9563, 12.4937

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.



218.0190, 18.2316, 32.4323



218.2460, -46.9563, -12.4937



204.6780, 24.8087, -70.7546

Square

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



218.2460, -46.9563, -12.4937



178.7550, 37.5888, -156.7681



224.6540, 14.9606, 8.1964



205.1490, -15.8495, 43.7193

Rectangle

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



218.2460, -46.9563, -12.4937



183.2640, 12.1948, -131.7815



224.6540, 14.9606, 8.1964



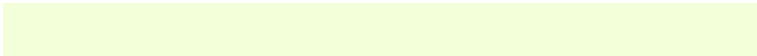
211.8070, 19.8151, 37.8803

Sweetspot

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



218.2460, -46.9563, -12.4937



246.7810, -14.6820, -4.1929



181.4850, -28.8331, 54.8257



122.9860, -8.8671, -2.6187



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.



218.2460, -46.9563, -12.4937



222.3090, -59.3123, -16.0570



200.6050, -38.2593, -48.7656



119.4360, -4.6519, -1.2594



146.5570, -72.2526, -18.9055



46.2940, -22.8229, -6.3968

Inverse Universe

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



148.7540, 46.9563, 12.4937



134.6910, 59.3123, 16.0570



166.3950, 38.2593, 48.7656



112.5640, 4.6519, 1.2594



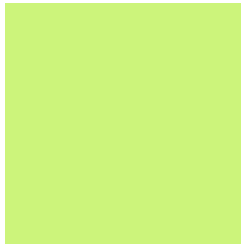
39.7420, 72.1052, 19.5203



12.4070, 22.9703, 5.7821

Previews

White Background



This preview shows how the YUV color 218.2460, -46.9563, -12.4937 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 218.2460, -46.9563, -12.4937 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 218.2460, -46.9563, -12.4937 Background



This preview shows how black text looks on a background with the YUV color 218.2460, -46.9563, -12.4937.



This preview shows how white text looks on a background with the YUV color 218.2460, -46.9563, -12.4937.

-12.4937.

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

218.2460, -46.9563, -12.4937

Protanopia

223.5220, -52.0223, 25.8522

Deuteranopia

229.2790, -19.8575, 22.5573



Tritanopia

229.0620, 9.3364, -7.9474

Trichromacy



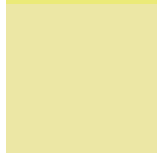
Original Color

218.2460, -46.9563, -12.4937



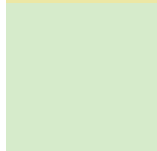
Protanomaly

221.3030, -49.9424, 12.0123



Deuteranomaly

224.9710, -29.5657, 9.6724



Tritanomaly

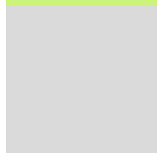
225.0730, -10.8820, -9.7110

Monochromacy



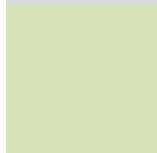
Original Color

218.2460, -46.9563, -12.4937



Achromatopsia

218.0000, 0.0000, 0.0000



Achromatomaly

217.7980, -17.1554, -4.2078

CSS Examples

Text

The CSS property to change the color of the text to YUV 218.2460, -46.9563, -12.4937 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(204, 244, 123)` looks like.

```
.text, #text, p{  
    color:rgb(204, 244, 123)  
}
```

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(204, 244, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 244, 123) }
```

Border

The CSS property to change the border of an element to YUV 218.2460, -46.9563, -12.4937 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(204, 244, 123) }
```


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

```
.border{ border-color:rgb(204, 244, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 244, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 244, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 244, 123);  
box-shadow:4px 4px 4px 4px rgb(204, 244,  
123) }
```

Background

The CSS property to change the background color of an element to YUV 218.2460, -46.9563, -12.4937 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 244, 123) }
```

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

```
.background{ background-color: rgb(204,  
244, 123) }
```

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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