

Converting Colors

YUV(210.7450, -47.2023,
-26.9634)

Have a look what the booklet for
YUV(210.7450, -47.2023, -26.9634)
contains.

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Color

**YUV(210.7450, -47.2023,
-26.9634)**

Conversions

Conversions Part 1

Format	Color
Hex	B4F573
RGB	180, 245, 115
RGB Percent	71%, 96%, 45%
CMY	0.2941, 0.0392, 0.5490
CMYK	0.27, 0.00, 0.53, 0.04
HSL	90°, 87%, 71%
HSV	90°, 53%, 96%
XYZ	54.5693, 76.2459, 28.0605
YIQ	210.7450, 2.9900, -54.2100

Conversions

Conversions Part 2

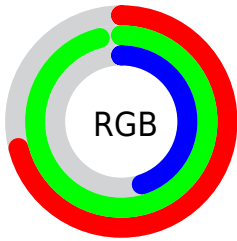
Format	Color
RYB	115, 245, 180
Decimal	11859315
CIELab	89.97, -41.22, 55.44
CIElCh	90, 69.081, 126.629
Yxy	76.2459, 0.3435, 0.4799
Android (android.graphics.Color)	4290049395 (0xFFB4F573)
YUV	210.7450, -47.2023, -26.9634
Hunter-Lab	87.3189, -41.2558, 42.0700

Details

The YUV color **210.7450, -47.2023, -26.9634** is a light color, and the websafe version is hex **CCFF66**. A complement of this color would be **149.2550, 47.2023, 26.9634**, and the grayscale version is **211.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **240.2270, -34.6219, -1.9531**, and **154.3860, -46.0393, -26.6485** is the 20% darker color. If you saturate the color by 10%, you get **204.4210, -55.9166, -31.9412**, and if you desaturate by 10%, it is **217.1830, -38.0512, -22.0855**.

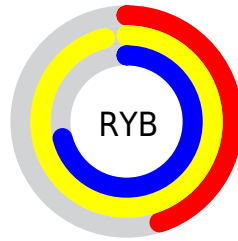
Distribution



Red (71%)

Green (96%)

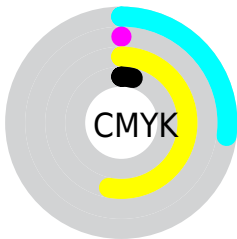
Blue (45%)



Red (45%)

Yellow (96%)

Blue (71%)

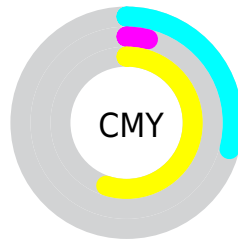


Cyan (27%)

Magenta (0%)

Yellow (53%)

Black (4%)



Cyan (29%)

Magenta (4%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YUV color 210.7450, -47.2023, -26.9634 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 210.7450, -47.2023, -26.9634 by changing the saturation by 10% instead.

■ 210.7450,
-47.2023, -26.9634

■ 210.7450,
-47.2023, -26.9634

255.0000, 0.0000,
0.0000

■ 182.2720,
-46.4761, -26.5485

■ 240.2270,
-34.6219, -1.9531

■ 154.3860,
-46.0393, -26.6485

■ 248.5020,
-24.8975, 5.6987

■ 126.8590,
-46.7655, -27.0633

■ 251.8080,
-12.2303, 2.7994

■ 98.9900, -48.8021,
-27.1782

■ 75.6440, -37.2925,
-32.1368

■ 49.3080, -24.3088,
-43.2431

■ 35.2200, -17.3635,

-30.8879

■ 22.8930, -11.2862,
-20.0772

■ 0.0000, 0.0000,
0.0000

■ 210.7450,
-47.2023, -26.9634

■ 210.7450,
-47.2023, -26.9634

■ 204.4210,
-55.9166, -31.9412

■ 217.1830,
-38.0512, -22.0855

■ 197.9830,
-65.0676, -36.8191

■ 223.8060,
-29.4844, -16.4929

■ 191.3600,
-73.6345, -42.4117

■ 230.2440,
-20.3333, -11.6150

■ 184.9220,
-82.7855, -47.2896

■ 236.5680,
-11.6190, -6.6371

■ 180.5920,
-89.0319, -50.5082

■ 243.0060, -2.4680,
-1.7593

■ 248.8310, 3.0413,
4.5332

■ 249.1300, 2.8939,
5.1480

Harmonies

Analogous

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



218.5040, -64.8315, 27.6220



210.7450, -47.2023, -26.9634



192.2020, -10.4526, -101.0322

Triad

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



210.7450, -47.2023, -26.9634



174.0590, 39.9039, -152.6497



199.2570, 7.2683, 48.8866

Complementary

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



210.7450, -47.2023, -26.9634



149.2550, 47.2023, 26.9634

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.



209.8010, 22.2831, 39.6395



210.7450, -47.2023, -26.9634



202.3630, 25.9500, -63.4624

Square

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



210.7450, -47.2023, -26.9634



178.7550, 37.5888, -156.7681



222.9810, 15.7854, 23.6957



199.1190, -23.7227, 49.0076

Rectangle

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



210.7450, -47.2023, -26.9634



174.3090, 20.5537, -152.8690



222.9810, 15.7854, 23.6957



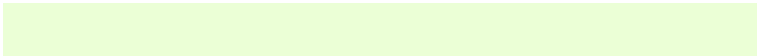
202.4660, 17.0253, 46.0723

Sweetspot

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



210.7450, -47.2023, -26.9634



244.3460, -14.9606, -8.1964



192.0250, -37.9733, 46.4591



121.2630, -9.0037, -5.4927



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.



210.7450, -47.2023, -26.9634



211.9000, -59.1107, -34.1153



191.3100, -37.6208, -66.9239



118.8380, -4.3571, -2.4889



136.9890, -67.5356, -38.5784



43.3040, -21.3489, -12.5446

Inverse Universe

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



149.2550, 47.2023, 26.9634



134.8010, 59.2581, 33.5005



168.6900, 37.6208, 66.9239



113.1620, 4.3571, 2.4889



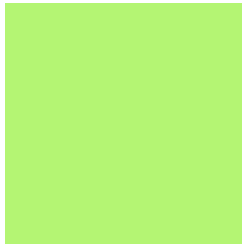
49.0110, 67.5356, 38.5784



15.3970, 21.4963, 11.9298

Previews

White Background



This preview shows how the YUV color 210.7450, -47.2023, -26.9634 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 210.7450, -47.2023, -26.9634 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 210.7450, -47.2023, -26.9634 Background



This preview shows how black text looks on a background with the YUV color 210.7450, -47.2023, -26.9634.



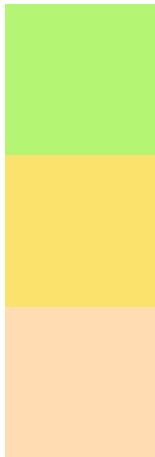
This preview shows how white text looks on a background with the YUV color 210.7450, -47.2023, -26.9634.

-26.9634.

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

210.7450, -47.2023, -26.9634

Protanopia

219.8380, -54.6431, 26.4521

Deuteranopia

225.5630, -23.9416, 25.8162



Tritanopia

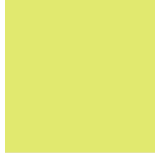
223.4840, 12.5794, -21.4725

Trichromacy



Original Color

210.7450, -47.2023, -26.9634



Protanomaly

216.7000, -52.1101, 7.2791



Deuteranomaly

220.1510, -32.6124, 6.8836



Tritanomaly

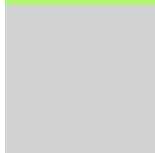
218.7400, -9.2388, -23.4510

Monochromacy



Original Color

210.7450, -47.2023, -26.9634



Achromatopsia

211.0000, 0.0000, 0.0000



Achromatomaly

210.7650, -17.1391, -9.4409

CSS Examples

Text

The CSS property to change the color of the text to YUV 210.7450, -47.2023, -26.9634 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(180, 245, 115)` looks like.

```
.text, #text, p{  
    color:rgb(180, 245, 115)  
}
```

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(180, 245, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 245, 115) }
```

Border

The CSS property to change the border of an element to YUV 210.7450, -47.2023, -26.9634 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(180, 245, 115) }
```


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

```
.border{ border-color:rgb(180, 245, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 245, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 245, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 245, 115);  
box-shadow:4px 4px 4px 4px rgb(180, 245,  
115) }
```

Background

The CSS property to change the background color of an element to YUV 210.7450, -47.2023, -26.9634 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 245, 115) }
```

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

```
.background{ background-color: rgb(180,  
245, 115) }
```

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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