

Converting Colors

YUV(181.7450, -47.2023,
-26.9634)

Have a look what the booklet for
YUV(181.7450, -47.2023, -26.9634)
contains.

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Color

**YUV(181.7450, -47.2023,
-26.9634)**

Conversions

Conversions Part 1

Format	Color
Hex	97D856
RGB	151, 216, 86
RGB Percent	59%, 85%, 34%
CMY	0.4078, 0.1529, 0.6627
CMYK	0.30, 0.00, 0.60, 0.15
HSL	90°, 62%, 59%
HSV	90°, 60%, 85%
XYZ	38.9981, 56.3629, 17.6278
YIQ	181.7450, 2.9900, -54.2100

Conversions

Conversions Part 2

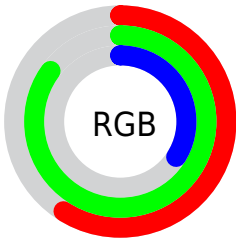
Format	Color
R_YB	86, 216, 151
Decimal	9951318
CIE Lab	79.82, -41.48, 56.20
CIE LCh	80, 69.851, 126.427
Yxy	56.3629, 0.3451, 0.4988
Android (android.graphics.Color)	4288141398 (0xFF97D856)
YUV	181.7450, -47.2023, -26.9634
Hunter-Lab	75.0752, -38.6593, 38.6313

Details

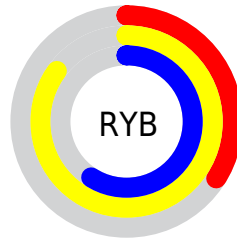
The YUV color **181.7450, -47.2023, -26.9634** is a light color, and the websafe version is hex **99CC33**. The color can be described as light muted chartreuse. A complement of this color would be **120.2550, 47.2023, 26.9634**, and the grayscale version is **182.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **227.8370, -43.3036, -17.3970**, and **126.2180, -47.9285, -27.3782** is the 20% darker color. If you saturate the color by 10%, you get **175.9480, -55.1904, -31.5264**, and if you desaturate by 10%, it is **187.5420, -39.2142, -22.4003**.

Distribution



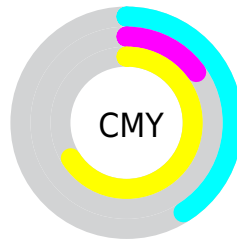
- Red (59%)
- Green (85%)
- Blue (34%)



- Red (34%)
- Yellow (85%)
- Blue (59%)



- Cyan (30%)
- Magenta (0%)
- Yellow (60%)
- Black (15%)



- Cyan (41%)
- Magenta (15%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the YUV color 181.7450, -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 181.7450, -47.2023, -26.9634 by changing the saturation by 10% instead.

■ 181.7450,
-47.2023, -26.9634

■ 181.7450,
-47.2023, -26.9634

255.0000, 0.0000,
0.0000

■ 153.8590,
-46.7655, -27.0633

■ 227.8370,
-43.3036, -17.3970

■ 126.2180,
-47.9285, -27.3782

■ 239.9990,
-35.4955, -1.7531

■ 98.6910, -48.6547,
-27.7930

■ 248.2740,
-25.7711, 5.8987

■ 74.4590, -36.7083,
-32.8515

■ 251.5800,
-13.1039, 2.9993

■ 49.3080, -24.3088,
-43.2431

254.8860, -0.4368,
0.1000

■ 35.2200, -17.3635,
-30.8879

■ 22.8930, -11.2862,

-20.0772

■ 0.0000, 0.0000,
0.0000

■ 181.7450,
-47.2023, -26.9634

■ 181.7450,
-47.2023, -26.9634

■ 175.9480,
-55.1904, -31.5264

■ 187.5420,
-39.2142, -22.4003

■ 170.2650,
-62.7416, -36.1894

■ 193.2250,
-31.6629, -17.7373

■ 164.7670,
-70.8771, -40.1377

■ 198.7230,
-23.5274, -13.7891

■ 159.0840,
-78.4284, -44.8007

■ 204.4060,
-15.9762, -9.1261

■ 210.2030, -7.9881,
-4.5630

■ 216.0000, 0.0000,
0.0000

■ 221.6830, 7.5513,
4.6630

■ 226.7250, 13.9396,
9.0112

■ 230.0140, 12.3181,
15.7737

Harmonies

Analogous

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



188.9770, -65.5577, 27.2072



181.7450, -47.2023, -26.9634



154.0470, -5.4462, -120.1902

Triad

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



181.7450, -47.2023, -26.9634



157.0360, 48.2963, -137.7206



177.8680, 4.0091, 67.6448

Complementary

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



181.7450, -47.2023, -26.9634



120.2550, 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.



191.7350, 29.2176, 55.4834



181.7450, -47.2023, -26.9634



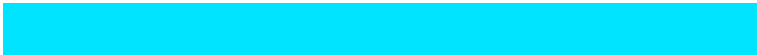
172.7710, 40.5389, -76.0982

Square

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



181.7450, -47.2023, -26.9634



162.9060, 45.4023, -142.8686



197.2760, 28.4579, 19.0519



178.4310, -26.8345, 67.1510

Rectangle

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



181.7450, -47.2023, -26.9634



155.8550, 15.8475, -136.6848



197.2760, 28.4579, 19.0519



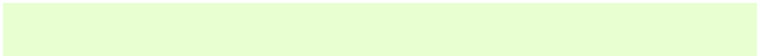
180.9630, 13.3292, 64.9304

Sweetspot

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



181.7450, -47.2023, -26.9634



242.8790, -16.7023, -9.5409



163.0250, -37.9733, 46.4591



120.2090, -10.4560, -6.3223



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.



181.7450, -47.2023, -26.9634



206.5160, -66.8094, -38.1635



162.3100, -37.6208, -66.9239



104.2510, -4.0677, -1.9741



125.7920, -62.0155, -35.7746



31.8190, -15.6868, -8.6113

Inverse Universe

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



120.2550, 47.2023, 26.9634



119.4840, 66.8094, 38.1635



139.6900, 37.6208, 66.9239



99.0480, 3.9203, 2.5889



44.9090, 62.1629, 35.1598



11.4800, 15.5394, 9.2260

Previews

White Background



This preview shows how the YUV color 181.7450, -47.2023, -26.9634 looks on a white background.

Color Contrast Check

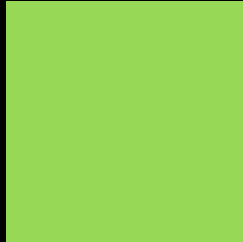
Large Text (above 18pt) WCAG AA × Fail

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 181.7450, -47.2023, -26.9634 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

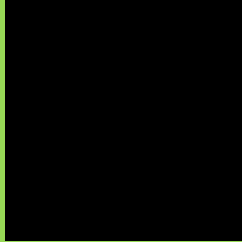
Any Text WCAG AA ✓ Pass

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 181.7450, -47.2023, -26.9634 Background



This preview shows how black text looks on a background with the YUV color 181.7450, -47.2023, -26.9634.



This preview shows how white text looks on a background with the YUV color 181.7450, -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

181.7450, -47.2023, -26.9634

Protanopia

190.2400, -54.3483, 25.2225

Deuteranopia

193.7290, -49.1664, 43.2107



Tritanopia

194.9570, 11.8532, -21.8873

Trichromacy



Original Color

181.7450, -47.2023, -26.9634

Protanomaly

187.1020, -51.8153, 6.0495

Deuteranomaly

189.3900, -48.5063, 18.0750

Tritanomaly

190.3270, -9.5282, -23.9658

Monochromacy



Original Color

181.7450, -47.2023, -26.9634

Achromatopsia

182.0000, 0.0000, 0.0000

Achromatomaly

181.7650, -17.1391, -9.4409

CSS Examples

Text

The CSS property to change the color of the text to YUV 181.7450, -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(151, 216, 86)` looks like.

```
.text, #text, p{  
    color:rgb(151, 216, 86)  
}
```

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(151, 216, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 216, 86) }
```

Border

The CSS property to change the border of an element to YUV 181.7450, -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(151, 216, 86) }
```


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

```
.border{ border-color:rgb(151, 216, 86) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 216, 86)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 216, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 216, 86);  
box-shadow:4px 4px 4px 4px rgb(151, 216,  
86) }
```

Background

The CSS property to change the background color of an element to YUV 181.7450, -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(151, 216, 86) }
```

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

```
.background{ background-color: rgb(151,  
216, 86) }
```

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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