

Converting Colors

YUV(197.2830, -33.1705,
-47.6062)

Have a look what the booklet for
YUV(197.2830, -33.1705, -47.6062)
contains.

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Color

**YUV(197.2830, -33.1705,
-47.6062)**

Conversions

Conversions Part 1

Format	Color
Hex	8FEE82
RGB	143, 238, 130
RGB Percent	56%, 93%, 51%
CMY	0.4392, 0.0667, 0.4902
CMYK	0.40, 0.00, 0.45, 0.07
HSL	113°, 76%, 72%
HSV	113°, 45%, 93%
XYZ	45.9315, 68.6004, 31.9395
YIQ	197.2830, -21.9520, -53.7280

Conversions

Conversions Part 2

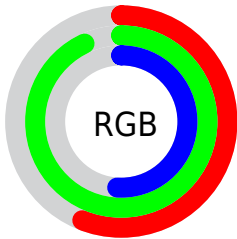
Format	Color
RYB	130, 238, 225
Decimal	9432706
CIELab	86.31, -48.60, 43.50
CIELCh	86, 65.229, 138.171
Yxy	68.6004, 0.3136, 0.4684
Android (android.graphics.Color)	4287622786 (0xFF8FEE82)
YUV	197.2830, -33.1705, -47.6062
Hunter-Lab	82.8254, -45.9557, 35.1141

Details

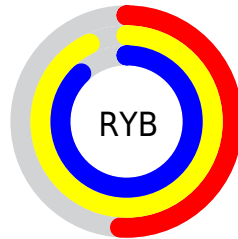
The YUV color **197.2830, -33.1705, -47.6062** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **170.7170, 33.1705, 47.6062**, and the grayscale version is **198.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **230.7600, -23.0527, -26.0995**, and **140.8530, -30.9865, -48.1061** is the 20% darker color. If you saturate the color by 10%, you get **188.2680, -40.5581, -58.1170**, and if you desaturate by 10%, it is **206.2980, -25.7829, -37.0953**.

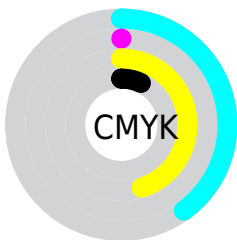
Distribution



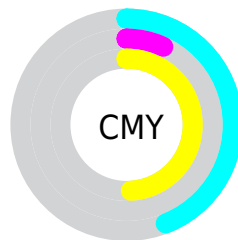
- Red (56%)
- Green (93%)
- Blue (51%)



- Red (51%)
- Yellow (93%)
- Blue (88%)



- Cyan (40%)
- Magenta (0%)
- Yellow (45%)
- Black (7%)



- Cyan (44%)
- Magenta (7%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YUV color 197.2830, -33.1705, -47.6062 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 197.2830, -33.1705, -47.6062 by changing the saturation by 10% instead.

■ 197.2830,
-33.1705, -47.6062

■ 197.2830,
-33.1705, -47.6062

255.0000, 0.0000,
0.0000

■ 168.9240,
-32.0075, -47.2913

■ 230.7600,
-23.0527, -26.0995

■ 140.8530,
-30.9865, -48.1061

■ 242.7370,
-14.6603, -11.1703

■ 113.1840,
-29.6707, -50.1504

■ 253.4040, -6.1152,
1.3997

■ 83.1940, -28.1966,
-56.2981

■ 59.8740, -29.5179,
-52.5095

■ 45.1990, -22.2831,
-39.6395

■ 31.1110, -15.3377,

-27.2843

■ 17.6100, -8.6817,
-15.4440

■ 0.0000, 0.0000,
0.0000

■ 197.2830,
-33.1705, -47.6062

■ 197.2830,
-33.1705, -47.6062

■ 188.2680,
-40.5581, -58.1170

■ 206.2980,
-25.7829, -37.0953

■ 179.2530,
-47.9457, -68.6279

■ 215.3130,
-18.3953, -26.5845

■ 170.3520,
-54.8965, -79.2387

■ 224.2140,
-11.4445, -15.9737

■ 161.3370,
-62.2841, -89.7495

■ 233.2290, -4.0569,
-5.4628

■ 152.3220,
-69.6717, -100.2604

■ 242.2440, 3.3307,
5.0480

■ 148.3770,
-73.1499, -104.6936

■ 245.0210, 4.9196,
8.7516

Harmonies

Analogous

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



206.2610, -56.3307, 7.6641



197.2830, -33.1705, -47.6062



165.3610, 11.6540, -145.0216

Triad

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



197.2830, -33.1705, -47.6062



164.0800, 44.8236, -143.8982



193.1470, -5.9885, 54.2451

Complementary

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



197.2830, -33.1705, -47.6062



170.7170, 33.1705, 47.6062

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.



200.8020, 20.8036, 47.5316



197.2830, -33.1705, -47.6062



204.9750, 24.6623, -23.6571

Square

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



197.2830, -33.1705, -47.6062



171.1240, 41.3509, -150.0757



213.9100, 20.2574, 36.0359



196.8560, -34.9320, 50.9923

Rectangle

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



197.2830, -33.1705, -47.6062



171.4370, 29.8576, -150.3502



213.9100, 20.2574, 36.0359



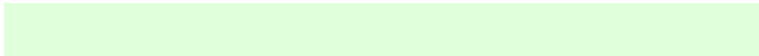
194.2530, 3.3263, 53.2751

Sweetspot

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



197.2830, -33.1705, -47.6062



241.6270, -11.1551, -15.4589



217.4700, -43.1227, 18.0048



119.5120, -6.6614, -10.0960



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.



197.2830, -33.1705, -47.6062



203.0890, -42.4419, -60.5911



197.9560, -13.7823, -59.5974



115.3430, -3.6201, -5.5628



114.5860, -56.4909, -81.1979



34.9650, -17.2377, -24.5253

Inverse Universe

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



170.7170, 33.1705, 47.6062



168.9110, 42.4419, 60.5911



170.0440, 13.7823, 59.5974



112.3580, 3.7675, 4.9480



69.4140, 56.4909, 81.1979



21.0350, 17.2377, 24.5253

Previews

White Background



This preview shows how the YUV color 197.2830, -33.1705, -47.6062 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 197.2830, -33.1705, -47.6062 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

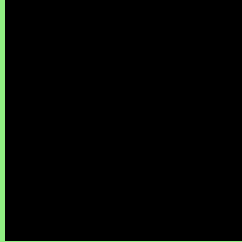
Any Text WCAG AA ✓ Pass

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 197.2830, -33.1705, -47.6062 Background



This preview shows how black text looks on a background with the YUV color 197.2830, -33.1705, -47.6062.



This preview shows how white text looks on a background with the YUV color 197.2830, -33.1705, -47.6062.

-47.6062.

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

197.2830, -33.1705, -47.6062

Protanopia

210.6770, -43.7178, 22.2083

Deuteranopia

213.9250, -32.9940, 36.0228



Tritanopia

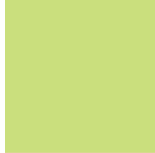
208.8130, 16.8542, -39.3010

Trichromacy



Original Color

197.2830, -33.1705, -47.6062



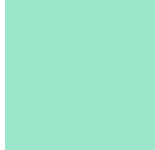
Protanomaly

205.5490, -39.7107, -3.1125



Deuteranomaly

208.0260, -33.0438, 5.2392



Tritanomaly

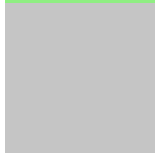
204.6820, -1.3222, -42.6941

Monochromacy



Original Color

197.2830, -33.1705, -47.6062



Achromatopsia

197.0000, 0.0000, 0.0000



Achromatomaly

197.0890, -11.8759, -17.6181

CSS Examples

Text

The CSS property to change the color of the text to YUV 197.2830, -33.1705, -47.6062 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(143, 238, 130)` looks like.

```
.text, #text, p{  
    color:rgb(143, 238, 130)  
}
```

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(143, 238, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 238, 130) }
```

Border

The CSS property to change the border of an element to YUV 197.2830, -33.1705, -47.6062 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(143, 238, 130) }
```


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

```
.border{ border-color:rgb(143, 238, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 238, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 238, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 238, 130);  
box-shadow:4px 4px 4px 4px rgb(143, 238,  
130) }
```

Background

The CSS property to change the background color of an element to YUV 197.2830, -33.1705, -47.6062 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 238, 130) }
```

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

```
.background{ background-color: rgb(143,  
238, 130) }
```

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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