

Converting Colors

YUV(188.7330, -28.9554,
-46.2468)

Have a look what the booklet for
YUV(188.7330, -28.9554, -46.2468)
contains.

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Color

**YUV(188.7330, -28.9554,
-46.2468)**

Conversions

Conversions Part 1

Format	Color
Hex	88E382
RGB	136, 227, 130
RGB Percent	53%, 89%, 51%
CMY	0.4667, 0.1098, 0.4902
CMYK	0.40, 0.00, 0.43, 0.11
HSL	116°, 63%, 70%
HSV	116°, 43%, 89%
XYZ	41.6517, 61.7841, 30.8493
YIQ	188.7330, -23.0990, -49.4590

Conversions

Conversions Part 2

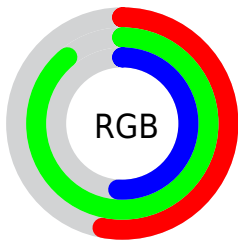
Format	Color
RYB	130, 227, 221
Decimal	8971138
CIELab	82.80, -46.07, 38.98
CIELCh	83, 60.353, 139.765
Yxy	61.7841, 0.3102, 0.4601
Android (android.graphics.Color)	4287161218 (0xFF88E382)
YUV	188.7330, -28.9554, -46.2468
Hunter-Lab	78.6029, -42.9678, 31.7524

Details

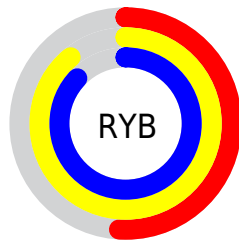
The YUV color **188.7330, -28.9554, -46.2468** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **168.2670, 28.9554, 46.2468**, and the grayscale version is **189.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **228.3680, -21.8734, -31.0177**, and **133.3030, -26.7714, -46.7467** is the 20% darker color. If you saturate the color by 10%, you get **179.8320, -35.9062, -56.8577**, and if you desaturate by 10%, it is **197.6340, -22.0046, -35.6360**.

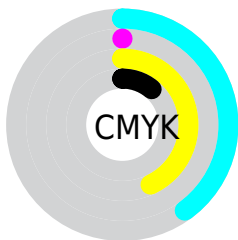
Distribution



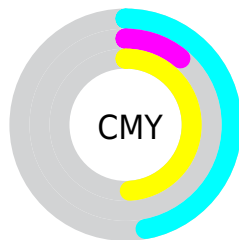
- Red (53%)
- Green (89%)
- Blue (51%)



- Red (51%)
- Yellow (89%)
- Blue (87%)



- Cyan (40%)
- Magenta (0%)
- Yellow (43%)
- Black (11%)



- Cyan (47%)
- Magenta (11%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YUV color 188.7330, -28.9554, -46.2468 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 188.7330, -28.9554, -46.2468 by changing the saturation by 10% instead.

■ 188.7330,
-28.9554, -46.2468

■ 188.7330,
-28.9554, -46.2468

255.0000, 0.0000,
0.0000

■ 160.9610,
-28.0818, -46.4468

■ 228.3680,
-21.8734, -31.0177

■ 133.3030,
-26.7714, -46.7467

■ 240.2310,
-13.9179, -15.9886

■ 105.6340,
-25.4556, -48.7910

■ 252.5070, -5.6730,
-0.4446

■ 75.5620, -22.9551,
-57.4979

■ 54.0040, -26.6240,
-47.3615

■ 39.9160, -19.6786,
-35.0063

■ 26.4150, -13.0226,

-23.1660

■ 9.9790, -4.9196,
-8.7516

■ 0.0000, 0.0000,
0.0000

■ 188.7330,
-28.9554, -46.2468

■ 188.7330,
-28.9554, -46.2468

■ 179.8320,
-35.9062, -56.8577

■ 197.6340,
-22.0046, -35.6360

■ 170.7460,
-42.2728, -68.1832

■ 206.7200,
-15.6380, -24.3104

■ 161.8450,
-49.2236, -78.7941

■ 215.6210, -8.6872,
-13.6996

■ 152.9440,
-56.1744, -89.4049

■ 224.5220, -1.7363,
-3.0888

■ 144.1570,
-62.6884, -100.1157

■ 233.3090, 4.7777,
7.6220

■ 137.4350,
-67.7555, -108.2525

■ 238.5640, 8.1029,
14.4144

Harmonies

Analogous

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



197.3190, -50.9363, 4.1052



188.7330, -28.9554, -46.2468



158.3340, 12.6533, -138.8589

Triad

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



188.7330, -28.9554, -46.2468



157.0360, 48.2963, -137.7206



189.6590, -9.1989, 57.3041

Complementary

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



188.7330, -28.9554, -46.2468



168.2670, 28.9554, 46.2468

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.



196.1570, 15.6986, 51.6053



188.7330, -28.9554, -46.2468



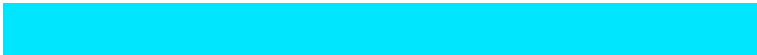
199.1050, 27.5562, -18.5091

Square

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



188.7330, -28.9554, -46.2468



164.0800, 44.8236, -143.8982



208.6270, 22.8619, 40.6691



192.7640, -35.3797, 54.5810

Rectangle

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



188.7330, -28.9554, -46.2468



163.4810, 29.8359, -143.3728



208.6270, 22.8619, 40.6691



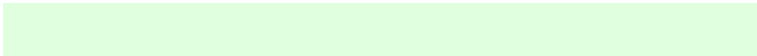
190.6510, -0.3209, 56.4341

Sweetspot

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



188.7330, -28.9554, -46.2468



241.9690, -9.8447, -15.7588



212.4200, -40.6331, 12.7867



119.6260, -6.2246, -10.1960



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.



188.7330, -28.9554, -46.2468



203.7020, -38.8001, -62.0057



191.7270, -9.7254, -54.1346



110.3430, -3.6201, -5.5628



108.3620, -53.4225, -85.3865



30.8340, -15.2012, -24.4104

Inverse Universe

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



168.2670, 28.9554, 46.2468



176.2980, 38.8001, 62.0057



165.2730, 9.7254, 54.1346



107.6570, 3.6201, 5.5628



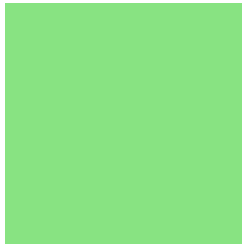
70.3390, 53.5699, 84.7717



20.1660, 15.2012, 24.4104

Previews

White Background



This preview shows how the YUV color 188.7330, -28.9554, -46.2468 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 188.7330, -28.9554, -46.2468 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

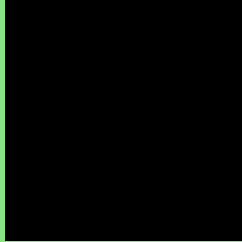
Any Text WCAG AA ✓ Pass

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 188.7330, -28.9554, -46.2468 Background



This preview shows how black text looks on a background with the YUV color 188.7330, -28.9554, -46.2468.



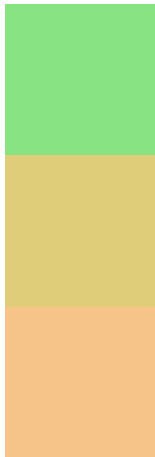
This preview shows how white text looks on a background with the YUV color 188.7330, -28.9554, -46.2468.

-46.2468.

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

188.7330, -28.9554, -46.2468

Protanopia

201.2190, -39.0550, 19.9789

Deuteranopia

204.2240, -33.1414, 36.6376



Tritanopia

199.2970, 16.1226, -37.9715

Trichromacy



Original Color

188.7330, -28.9554, -46.2468



Protanomaly

196.6890, -35.3427, -4.1123



Deuteranomaly

198.3790, -31.7388, 6.6836



Tritanomaly

195.3340, -0.1647, -40.6349

Monochromacy



Original Color

188.7330, -28.9554, -46.2468



Achromatopsia

189.0000, 0.0000, 0.0000



Achromatomaly

189.1430, -10.4235, -16.7884

CSS Examples

Text

The CSS property to change the color of the text to YUV 188.7330, -28.9554, -46.2468 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(136, 227, 130)` looks like.

```
.text, #text, p{  
    color:rgb(136, 227, 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(136, 227, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 227, 130) }
```

Border

The CSS property to change the border of an element to YUV 188.7330, -28.9554, -46.2468 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(136, 227, 130) }
```


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

```
.border{ border-color:rgb(136, 227, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 227, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(136, 227, 130); -webkit-box-shadow:4px 4px 4px 4px rgb(136, 227, 130); box-shadow:4px 4px 4px 4px rgb(136, 227, 130) }
```

Background

The CSS property to change the background color of an element to YUV 188.7330, -28.9554, -46.2468 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 227, 130) }
```

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

```
.background{ background-color: rgb(136,  
227, 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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