

Converting Colors

YUV(188.0480, -30.0967,
-53.5391)

Have a look what the booklet for
YUV(188.0480, -30.0967, -53.5391)
contains.

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Color

**YUV(188.0480, -30.0967,
-53.5391)**

Conversions

Conversions Part 1

Format	Color
Hex	7FE77F
RGB	127, 231, 127
RGB Percent	50%, 91%, 50%
CMY	0.5020, 0.0941, 0.5020
CMYK	0.45, 0.00, 0.45, 0.09
HSL	120°, 68%, 70%
HSV	120°, 45%, 91%
XYZ	41.1591, 63.1962, 30.1074
YIQ	188.0480, -28.6000, -54.3920

Conversions

Conversions Part 2

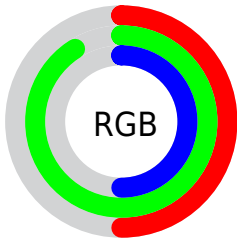
Format	Color
RYB	127, 231, 231
Decimal	8382335
CIELab	83.55, -50.80, 41.33
CIElCh	84, 65.488, 140.865
Yxy	63.1962, 0.3061, 0.4700
Android (android.graphics.Color)	4286572415 (0xFF7FE77F)
YUV	188.0480, -30.0967, -53.5391
Hunter-Lab	79.4960, -46.6996, 33.1924

Details

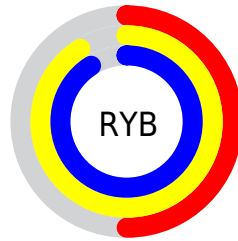
The YUV color **188.0480, -30.0967, -53.5391** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **169.9520, 30.0967, 53.5391**, and the grayscale version is **188.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **225.6340, -22.0046, -35.6360**, and **131.7210, -27.4705, -55.8833** is the 20% darker color. If you saturate the color by 10%, you get **178.5490, -36.7527, -65.3795**, and if you desaturate by 10%, it is **197.5470, -23.4407, -41.6987**.

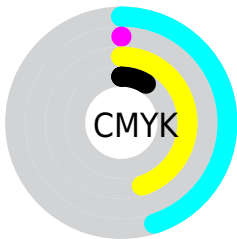
Distribution



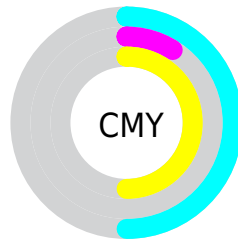
- Red (50%)
- Green (91%)
- Blue (50%)



- Red (50%)
- Yellow (91%)
- Blue (91%)



- Cyan (45%)
- Magenta (0%)
- Yellow (45%)
- Black (9%)



- Cyan (50%)
- Magenta (9%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YUV color 188.0480, -30.0967, -53.5391 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 188.0480, -30.0967, -53.5391 by changing the saturation by 10% instead.

■ 188.0480,
-30.0967, -53.5391

■ 188.0480,
-30.0967, -53.5391

255.0000, 0.0000,
0.0000

■ 159.3900,
-28.7863, -53.8390

■ 225.6340,
-22.0046, -35.6360

■ 131.7210,
-27.4705, -55.8833

■ 237.4970,
-14.0490, -20.6069

■ 102.1550,
-25.7124, -59.7719

■ 249.7730, -5.8041,
-5.0629

■ 73.7630, -24.5332,
-64.6902

■ 55.7650, -27.4921,
-48.9059

■ 41.0900, -20.2574,
-36.0359

■ 28.1760, -13.8908,

-24.7104

■ 12.3270, -6.0772,
-10.8108

■ 0.0000, 0.0000,
0.0000

■ 188.0480,
-30.0967, -53.5391

■ 188.0480,
-30.0967, -53.5391

■ 178.5490,
-36.7527, -65.3795

■ 197.5470,
-23.4407, -41.6987

■ 169.0500,
-43.4086, -77.2198


■ 207.0460,
-16.7847, -29.8583


■ 159.5510,
-50.0646, -89.0602


■ 216.5450,
-10.1287, -18.0180


■ 150.0520,
-56.7206, -100.9006

■ 226.0440, -3.4727,
-6.1776

 140.5530,
-63.3766, -112.7410

 235.9560, 3.4727,
6.1776

 135.5970,
-66.8493, -118.9186

 240.9120, 6.9454,
12.3552

Harmonies

Analogous

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



197.8690, -55.1514, 2.7459



188.0480, -30.0967, -53.5391



161.0240, 12.8062, -141.2180

Triad

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



188.0480, -30.0967, -53.5391



158.2100, 47.7175, -138.7502



187.5560, -9.6411, 59.1484

Complementary

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



188.0480, -30.0967, -53.5391



169.9520, 30.0967, 53.5391

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.



194.0370, 17.7298, 53.4646



188.0480, -30.0967, -53.5391



200.2900, 26.9720, -17.7943

Square

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



188.0480, -30.0967, -53.5391



165.8410, 43.9554, -145.4426



207.4530, 23.4407, 41.6987



191.9660, -38.4372, 55.2808

Rectangle

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



188.0480, -30.0967, -53.5391



166.5130, 31.2991, -146.0319



207.4530, 23.4407, 41.6987



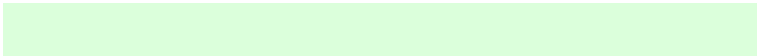
188.0750, -0.0370, 58.6932

Sweetspot

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



188.0480, -30.0967, -53.5391



240.1320, -10.4181, -18.5328



219.1440, -45.4270, 10.3977



118.9140, -6.3666, -11.3256



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.



188.0480, -30.0967, -53.5391



198.0060, -39.9360, -71.0423



193.9760, -7.3832, -58.7380



110.0440, -3.4727, -6.1776



105.0730, -51.8010, -92.1490



29.9370, -14.7589, -26.2547

Inverse Universe

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



169.9520, 30.0967, 53.5391



173.9940, 39.9360, 71.0423



164.0240, 7.3832, 58.7380



107.9560, 3.4727, 6.1776



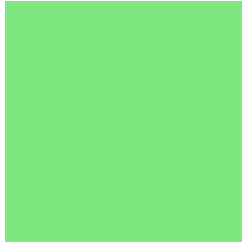
73.9270, 51.8010, 92.1490



21.0630, 14.7589, 26.2547

Previews

White Background



This preview shows how the YUV color 188.0480, -30.0967, -53.5391 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 188.0480, -30.0967, -53.5391 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 188.0480, -30.0967, -53.5391 Background



This preview shows how black text looks on a background with the YUV color 188.0480, -30.0967, -53.5391.



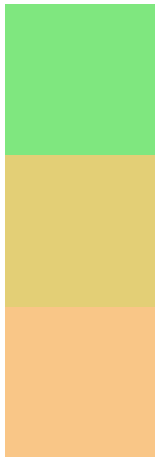
This preview shows how white text looks on a background with the YUV color 188.0480, -30.0967, -53.5391.

-53.5391.

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

188.0480, -30.0967, -53.5391

Protanopia

202.8340, -41.8232, 21.1936

Deuteranopia

206.0670, -35.0360, 37.6522



Tritanopia

200.0080, 17.7441, -44.7340

Trichromacy



Original Color

188.0480, -30.0967, -53.5391



Protanomaly

197.6950, -37.8106, -5.8715



Deuteranomaly

199.6130, -33.3332, 4.7244



Tritanomaly

195.4040, 0.2938, -47.7123

Monochromacy



Original Color

188.0480, -30.0967, -53.5391



Achromatopsia

188.0000, 0.0000, 0.0000



Achromatomaly

188.3060, -10.9969, -19.5624

CSS Examples

Text

The CSS property to change the color of the text to YUV 188.0480, -30.0967, -53.5391 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(127, 231, 127)` looks like.

```
.text, #text, p{  
    color:rgb(127, 231, 127)  
}
```

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(127, 231, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 231, 127) }
```

Border

The CSS property to change the border of an element to YUV 188.0480, -30.0967, -53.5391 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(127, 231, 127) }
```


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

```
.border{ border-color:rgb(127, 231, 127) }
```

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

Here you see how a box with a 4 pixel rgb(127, 231, 127) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 231, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 231, 127);  
box-shadow:4px 4px 4px 4px rgb(127, 231,  
127) }
```

Background

The CSS property to change the background color of an element to YUV 188.0480, -30.0967, -53.5391 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 231, 127) }
```

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

```
.background{ background-color: rgb(127,  
231, 127) }
```

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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