

Converting Colors

YUV(188.2930, -31.6964,
-53.7540)

Have a look what the booklet for
YUV(188.2930, -31.6964, -53.7540)
contains.

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Color

**YUV(188.2930, -31.6964,
-53.7540)**

Conversions

Conversions Part 1

Format	Color
Hex	7FE87C
RGB	127, 232, 124
RGB Percent	50%, 91%, 49%
CMY	0.5020, 0.0902, 0.5137
CMYK	0.45, 0.00, 0.47, 0.09
HSL	118°, 70%, 70%
HSV	118°, 47%, 91%
XYZ	41.2471, 63.6805, 29.1864
YIQ	188.2930, -27.9120, -55.8480

Conversions

Conversions Part 2

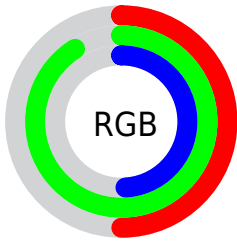
Format	Color
RYB	124, 232, 229
Decimal	8382588
CIELab	83.80, -51.62, 43.11
CIELCh	84, 67.256, 140.131
Yxy	63.6805, 0.3076, 0.4748
Android (android.graphics.Color)	4286572668 (0xFF7FE87C)
YUV	188.2930, -31.6964, -53.7540
Hunter-Lab	79.8001, -47.3869, 34.1751

Details

The YUV color **188.2930, -31.6964, -53.7540** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **167.7070, 31.6964, 53.7540**, and the grayscale version is **189.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **225.2920, -23.3150, -35.3361**, and **131.2650, -29.2176, -55.4834** is the 20% darker color. If you saturate the color by 10%, you get **178.7940, -38.3524, -65.5943**, and if you desaturate by 10%, it is **197.7920, -25.0405, -41.9136**.

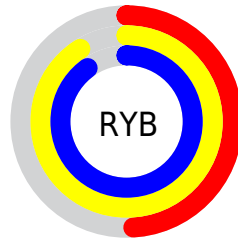
Distribution



Red (50%)

Green (91%)

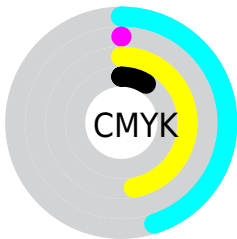
Blue (49%)



Red (49%)

Yellow (91%)

Blue (90%)

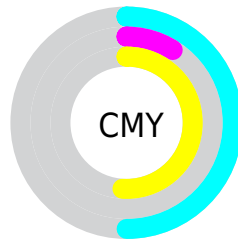


Cyan (45%)

Magenta (0%)

Yellow (47%)

Black (9%)



Cyan (50%)

Magenta (9%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YUV color 188.2930, -31.6964, -53.7540 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 188.2930, -31.6964, -53.7540 by changing the saturation by 10% instead.

■ 188.2930,
-31.6964, -53.7540

■ 188.2930,
-31.6964, -53.7540

255.0000, 0.0000,
0.0000

■ 159.6350,
-30.3861, -54.0539

■ 225.2920,
-23.3150, -35.3361

■ 131.2650,
-29.2176, -55.4834

■ 237.1550,
-15.3594, -20.3069

■ 102.1010,
-27.1648, -60.6016

■ 249.4310, -7.1145,
-4.7630

■ 73.8940, -26.5697,
-64.8050

■ 56.3520, -27.7815,
-49.4207

■ 41.6770, -20.5468,
-36.5507

■ 28.1760, -13.8908,

-24.7104

■ 12.9140, -6.3666,
-11.3256

■ 0.0000, 0.0000,
0.0000

■ 188.2930,
-31.6964, -53.7540

■ 188.2930,
-31.6964, -53.7540

■ 178.7940,
-38.3524, -65.5943

■ 197.7920,
-25.0405, -41.9136

■ 169.5940,
-45.1558, -76.8199

■ 206.9920,
-18.2371, -30.6880

■ 159.9810,
-52.2486, -88.5603

■ 216.6050,
-11.1443, -18.9476

■ 150.7810,
-59.0520, -99.7859

■ 225.8050, -4.3409,
-7.7220

■ 141.2820,
-65.7080, -111.6263

■ 235.3040, 2.3151,
4.1184

■ 137.9780,
-68.0232, -115.7447

■ 241.4990, 6.6560,
11.8404

Harmonies

Analogous

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



198.5980, -57.4828, 3.8606



188.2930, -31.6964, -53.7540



161.3830, 11.6432, -141.5329

Triad

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



188.2930, -31.6964, -53.7540



159.3840, 47.1387, -139.7798



186.4960, -8.6255, 60.0780

Complementary

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



188.2930, -31.6964, -53.7540



167.7070, 31.6964, 53.7540

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.



193.7920, 19.3295, 53.6794



188.2930, -31.6964, -53.7540



199.6810, 27.2723, -20.7682

Square

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



188.2930, -31.6964, -53.7540



167.0150, 43.3766, -146.4722



208.0400, 23.1513, 41.1839



191.2650, -38.5846, 55.8956

Rectangle

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



188.2930, -31.6964, -53.7540



166.9860, 30.5729, -146.4467



208.0400, 23.1513, 41.1839



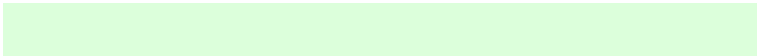
187.7160, 1.1260, 59.0081

Sweetspot

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



188.2930, -31.6964, -53.7540



240.4310, -10.5655, -17.9180



217.3400, -46.0166, 12.8568



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.



188.2930, -31.6964, -53.7540



197.1370, -41.9725, -71.1571



193.0960, -9.4143, -60.5972



110.3430, -3.6201, -5.5628



106.5680, -52.5380, -89.0751



30.2360, -14.9063, -25.6400

Inverse Universe

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



167.7070, 31.6964, 53.7540



169.8630, 41.9725, 71.1571



162.9040, 9.4143, 60.5972



107.6570, 3.6201, 5.5628



72.4320, 52.5380, 89.0751



20.7640, 14.9063, 25.6400

Previews

White Background



This preview shows how the YUV color 188.2930, -31.6964, -53.7540 looks on a white background.

Color Contrast Check

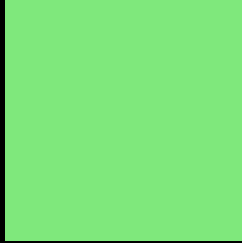
Large Text (above 18pt) WCAG AA × Fail

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 188.2930, -31.6964, -53.7540 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

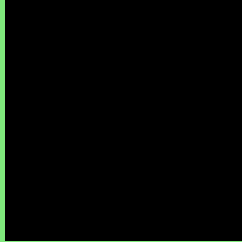
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

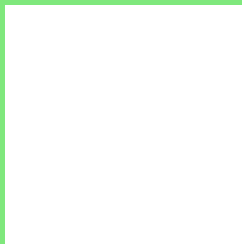
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 188.2930, -31.6964, -53.7540 Background



This preview shows how black text looks on a background with the YUV color 188.2930, -31.6964, -53.7540.



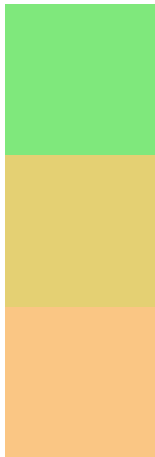
This preview shows how white text looks on a background with the YUV color 188.2930, -31.6964, -53.7540.

-53.7540.

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

188.2930, -31.6964, -53.7540

Protanopia

203.3780, -43.5704, 21.5935

Deuteranopia

206.0240, -36.4938, 38.5670



Tritanopia

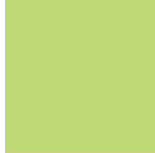
200.4210, 18.0334, -44.2192

Trichromacy



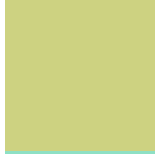
Original Color

188.2930, -31.6964, -53.7540



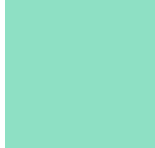
Protanomaly

197.9400, -39.4104, -6.0864



Deuteranomaly

199.2710, -34.6436, 5.0243



Tritanomaly

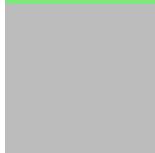
196.2900, -0.1430, -47.6123

Monochromacy



Original Color

188.2930, -31.6964, -53.7540



Achromatopsia

188.0000, 0.0000, 0.0000



Achromatomaly

188.1920, -11.4337, -19.4624

CSS Examples

Text

The CSS property to change the color of the text to YUV 188.2930, -31.6964, -53.7540 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, 232, 124)` looks like.

```
.text, #text, p{  
    color:rgb(127, 232, 124)  
}
```

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, 232, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 232, 124) }
```

Border

The CSS property to change the border of an element to YUV 188.2930, -31.6964, -53.7540 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, 232, 124) }
```


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

```
.border{ border-color:rgb(127, 232, 124) }
```

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

Here you see how a box with a 4 pixel rgb(127, 232, 124) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 232, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 232, 124);  
box-shadow:4px 4px 4px 4px rgb(127, 232,  
124) }
```

Background

The CSS property to change the background color of an element to YUV 188.2930, -31.6964, -53.7540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 232, 124) }
```

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

```
.background{ background-color: rgb(127,  
232, 124) }
```

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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