

Converting Colors

YUV(186.0180, -31.5609,
-97.3628)

Have a look what the booklet for
YUV(186.0180, -31.5609, -97.3628)
contains.

YUV(186.0180, -31.5609, -97.3628)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(186.0180, -31.5609,
-97.3628)**

Conversions

Conversions Part 1

Format	Color
Hex	4BFF7A
RGB	75, 255, 122
RGB Percent	29%, 100%, 48%
CMY	0.7059, 0.0000, 0.5216
CMYK	0.71, 0.00, 0.52, 0.00
HSL	136°, 100%, 65%
HSV	136°, 71%, 100%
XYZ	42.1745, 74.4210, 30.5542
YIQ	186.0180, -64.5870, -79.5230

Conversions

Conversions Part 2

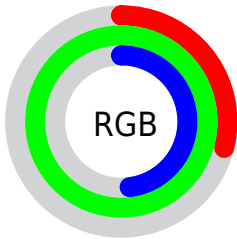
Format	Color
RYB	75, 218, 255
Decimal	4980602
CIELab	89.12, -71.74, 50.30
CIELCh	89, 87.622, 144.963
Yxy	74.4210, 0.2866, 0.5058
Android (android.graphics.Color)	4283170682 (0xFF4BFF7A)
YUV	186.0180, -31.5609, -97.3628
Hunter-Lab	86.2676, -63.7032, 39.3880

Details

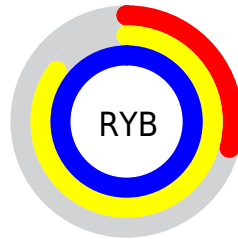
The YUV color **186.0180, -31.5609, -97.3628** is a dark color, and the websafe version is hex **66FF66**. The color can be described as middle washed spring green. A complement of this color would be **143.9820, 31.5609, 97.3628**, and the grayscale version is **186.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **213.2180, -17.8555, -59.8272**, and **123.5050, -26.8710, -108.3139** is the 20% darker color. If you saturate the color by 10%, you get **176.3770, -36.1749, -110.8326**, and if you desaturate by 10%, it is **195.9580, -27.0943, -83.2782**.

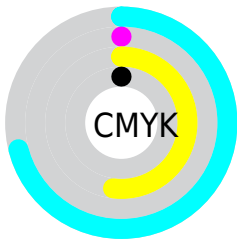
Distribution



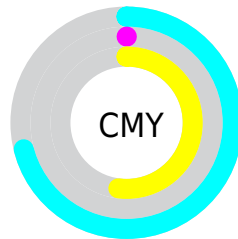
- Red (29%)
- Green (100%)
- Blue (48%)



- Red (29%)
- Yellow (85%)
- Blue (100%)



- Cyan (71%)
- Magenta (0%)
- Yellow (52%)
- Black (0%)



- Cyan (71%)
- Magenta (0%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the YUV color 186.0180, -31.5609, -97.3628 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 186.0180, -31.5609, -97.3628 by changing the saturation by 10% instead.

186.0180,
-31.5609, -97.3628

186.0180,
-31.5609, -97.3628

255.0000, 0.0000,
0.0000

149.1730,
-26.7073, -114.1617

213.2180,
-17.8555, -59.8272

123.5050,
-26.8710, -108.3139

225.9780,
-10.3422, -42.9537

103.9910,
-30.5616, -91.2001

238.5530, -2.2446,
-26.7950

83.5650, -37.7465,
-73.2865

250.5150, 2.2111,
-9.2217

66.9180, -32.9906,
-58.6871

51.6560, -25.4664,
-45.3023

36.9810, -18.2316,

-32.4323

■ 22.3060, -10.9969,
-19.5624

■ 0.0000, 0.0000,
0.0000

■ 186.0180,
-31.5609, -97.3628

■ 186.0180,
-31.5609, -97.3628

■ 176.3770,
-36.1749, -110.8326

■ 195.9580,
-27.0943, -83.2782

■ 166.4370,
-40.6414, -124.9172

■ 205.5990,
-22.4803, -69.8083

■ 157.3230,
-44.5292, -137.9723

■ 215.5390,
-18.0137, -55.7237

■ 225.0660,
-13.8365, -42.1539

 235.0060, -9.3700,
-28.0693

 244.6470, -4.7560,
-14.5994

254.5870, -0.2894,
-0.5148

255.0000, 0.0000,
0.0000

Harmonies

Analogous

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



205.3690, -77.0899, -7.3396



186.0180, -31.5609, -97.3628



173.2830, 16.6225, -151.9692

Triad

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



186.0180, -31.5609, -97.3628



168.7760, 42.5084, -148.0166



181.7200, -11.6940, 64.2666

Complementary

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



186.0180, -31.5609, -97.3628



143.9820, 31.5609, 97.3628

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.



187.1870, 27.0228, 59.4720



186.0180, -31.5609, -97.3628



209.7700, 22.2984, -12.0763

Square

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



186.0180, -31.5609, -97.3628



178.7550, 37.5888, -156.7681



205.1050, 24.5982, 43.7579



192.1820, -52.8407, 55.0914

Rectangle

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



186.0180, -31.5609, -97.3628



178.7550, 37.5888, -156.7681



205.1050, 24.5982, 43.7579



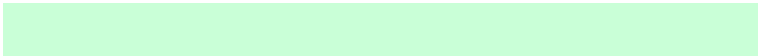
181.3900, 2.2727, 64.5560

Sweetspot

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



186.0180, -31.5609, -97.3628



234.2940, -9.5119, -29.1988



221.0250, -71.9903, -9.6689



115.6960, -5.7661, -17.2734



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.



186.0180, -31.5609, -97.3628



171.8770, -37.9004, -117.4101



196.0500, 6.8773, -106.1609



122.9730, -2.4517, -6.9923



117.8170, -33.4338, -103.3255



39.5060, -11.0955, -34.6468

Inverse Universe

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



143.9820, 31.5609, 97.3628



121.1230, 37.9004, 117.4101



133.9500, -6.8773, 106.1609



119.9130, 2.0149, 7.0923



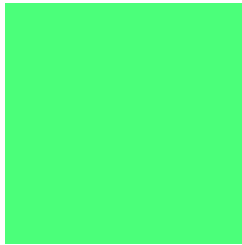
73.1830, 33.4338, 103.3255



24.4940, 11.0955, 34.6468

Previews

White Background



This preview shows how the YUV color 186.0180, -31.5609, -97.3628 looks on a white background.

Color Contrast Check

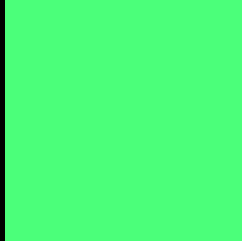
Large Text (above 18pt) WCAG AA × Fail

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 186.0180, -31.5609, -97.3628 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 186.0180, -31.5609, -97.3628 Background



This preview shows how black text looks on a background with the YUV color 186.0180, -31.5609, -97.3628.

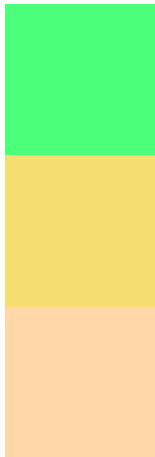


This preview shows how white text looks on a background with the YUV color 186.0180, -31.5609, -97.3628.

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

186.0180, -31.5609, -97.3628

Protanopia

216.2230, -51.8749, 25.2374

Deuteranopia

221.6020, -26.4258, 29.2900



Tritanopia

210.3370, 22.0189, -62.5625

Trichromacy



Original Color

186.0180, -31.5609, -97.3628



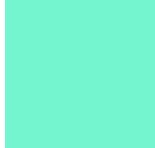
Protanomaly

205.1850, -44.4612, -19.4562



Deuteranomaly

209.0340, -28.6108, -16.6928



Tritanomaly

201.5100, 2.7066, -74.9923

Monochromacy



Original Color

186.0180, -31.5609, -97.3628



Achromatopsia

186.0000, 0.0000, 0.0000



Achromatomaly

186.0930, -11.3848, -35.1616

CSS Examples

Text

The CSS property to change the color of the text to YUV 186.0180, -31.5609, -97.3628 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(75, 255, 122)` looks like.

```
.text, #text, p{  
    color:rgb(75, 255, 122)  
}
```

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(75, 255, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 255, 122) }
```

Border

The CSS property to change the border of an element to YUV 186.0180, -31.5609, -97.3628 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(75, 255, 122) }
```


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

```
.border{ border-color:rgb(75, 255, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 255, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 255, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 255, 122);  
box-shadow:4px 4px 4px 4px rgb(75, 255,  
122) }
```

Background

The CSS property to change the background color of an element to YUV 186.0180, -31.5609, -97.3628 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 255, 122) }
```

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

```
.background{ background-color: rgb(75, 255,  
122) }
```

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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