

Converting Colors

YUV(188.9800, -20.2031,
-53.4795)

Have a look what the booklet for
YUV(188.9800, -20.2031, -53.4795)
contains.

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Color

**YUV(188.9800, -20.2031,
-53.4795)**

Conversions

Conversions Part 1

Format	Color
Hex	80E494
RGB	128, 228, 148
RGB Percent	50%, 89%, 58%
CMY	0.4980, 0.1059, 0.4196
CMYK	0.44, 0.00, 0.35, 0.11
HSL	132°, 65%, 70%
HSV	132°, 44%, 89%
XYZ	41.9908, 62.2141, 37.8124
YIQ	188.9800, -33.9200, -46.0800

Conversions

Conversions Part 2

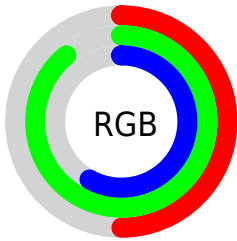
Format	Color
RYB	128, 211, 228
Decimal	8447124
CIELab	83.03, -46.03, 30.16
CIELCh	83, 55.030, 146.769
Yxy	62.2141, 0.2957, 0.4381
Android (android.graphics.Color)	4286637204 (0xFF80E494)
YUV	188.9800, -20.2031, -53.4795
Hunter-Lab	78.8759, -43.0057, 26.7901

Details

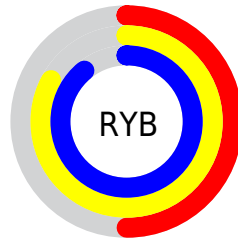
The YUV color **188.9800, -20.2031, -53.4795** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **167.0200, 20.2031, 53.4795**, and the grayscale version is **189.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **228.1420, -12.3950, -37.8355**, and **133.1370, -18.3085, -54.4941** is the 20% darker color. If you saturate the color by 10%, you get **180.0510, -24.6751, -65.8197**, and if you desaturate by 10%, it is **197.9090, -15.7311, -41.1392**.

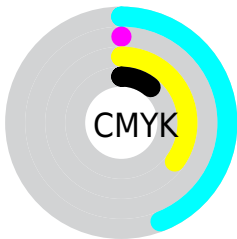
Distribution



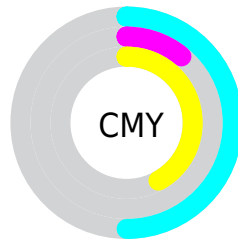
- Red (50%)
- Green (89%)
- Blue (58%)



- Red (50%)
- Yellow (83%)
- Blue (89%)



- Cyan (44%)
- Magenta (0%)
- Yellow (35%)
- Black (11%)



- Cyan (50%)
- Magenta (11%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YUV color 188.9800, -20.2031, -53.4795 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 188.9800, -20.2031, -53.4795 by changing the saturation by 10% instead.

■ 188.9800,
-20.2031, -53.4795

■ 188.9800,
-20.2031, -53.4795

255.0000, 0.0000,
0.0000

■ 161.2080,
-19.3295, -53.6794

■ 228.1420,
-12.3950, -37.8355

■ 133.1370,
-18.3085, -54.4941

■ 240.0050, -4.4395,
-22.8064

■ 104.9840,
-16.2611, -57.8680

■ 251.7110, 1.6215,
-6.7625

■ 74.7380, -13.1818,
-65.5452

■ 57.4410, -15.9934,
-50.3758

■ 39.9160, -19.6786,
-35.0063

■ 27.0020, -13.3120,

-23.6808

■ 11.1530, -5.4984,
-9.7812

■ 0.0000, 0.0000,
0.0000

■ 188.9800,
-20.2031, -53.4795

■ 188.9800,
-20.2031, -53.4795

■ 180.0510,
-24.6751, -65.8197

■ 197.9090,
-15.7311, -41.1392

■ 171.1220,
-29.1471, -78.1600

■ 206.8380,
-11.2591, -28.7989

■ 162.3780,
-34.2034, -89.7855

■ 215.5820, -6.2029,
-17.1734

■ 153.4490,
-38.6754, -102.1258

■ 224.5110, -1.7309,
-4.8331

■ 144.5200,
-43.1474, -114.4660

■ 233.4400, 2.7411,
7.5071

■ 139.0800,
-45.8884, -121.9732

■ 239.1510, 7.8136,
13.8996

Harmonies

Analogous

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



197.7290, -42.7574, -5.9013



188.9800, -20.2031, -53.4795



159.4570, 19.4947, -139.8438

Triad

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



188.9800, -20.2031, -53.4795



185.7840, 34.1235, -71.7246



193.4430, -15.0084, 53.9855

Complementary

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



188.9800, -20.2031, -53.4795



167.0200, 20.2031, 53.4795

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.



197.0230, 8.8627, 50.8458



188.9800, -20.2031, -53.4795



203.9330, 25.1760, -1.6952

Square

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



188.9800, -20.2031, -53.4795



162.3190, 45.6917, -142.3538



208.6270, 22.8619, 40.6691



197.4600, -37.6948, 50.4626

Rectangle

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



188.9800, -20.2031, -53.4795



163.5610, 35.2194, -143.4430



208.6270, 22.8619, 40.6691



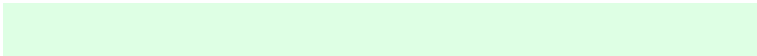
193.6200, -6.7147, 53.8303

Sweetspot

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



188.9800, -20.2031, -53.4795



242.0550, -6.9291, -17.5882



210.6200, -40.7317, -2.2977



119.7830, -4.3300, -11.2107



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.



188.9800, -20.2031, -53.4795



202.3230, -27.2742, -72.1973



194.6800, 1.6368, -58.4784



110.3860, -2.1623, -6.4775



109.1770, -36.0763, -95.7482



31.0770, -10.3910, -27.2545

Inverse Universe

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



167.0200, 20.2031, 53.4795



172.6770, 27.2742, 72.1973



161.3200, -1.6368, 58.4784



107.6140, 2.1623, 6.4775



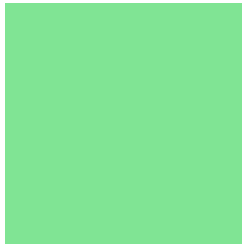
69.8230, 36.0763, 95.7482



19.9230, 10.3910, 27.2545

Previews

White Background



This preview shows how the YUV color 188.9800, -20.2031, -53.4795 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 188.9800, -20.2031, -53.4795 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

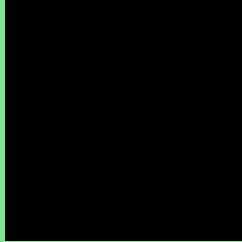
Any Text WCAG AA ✓ Pass

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 188.9800, -20.2031, -53.4795 Background



This preview shows how black text looks on a background with the YUV color 188.9800, -20.2031, -53.4795.



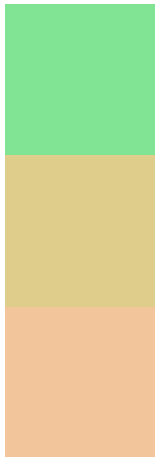
This preview shows how white text looks on a background with the YUV color 188.9800, -20.2031, -53.4795.

-53.4795.

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

188.9800, -20.2031, -53.4795

Protanopia

202.8580, -31.4820, 17.6645

Deuteranopia

205.6670, -24.9788, 31.8640



Tritanopia

198.1220, 18.1809, -44.8340

Trichromacy



Original Color

188.9800, -20.2031, -53.4795



Protanomaly

197.4310, -27.3275, -8.2710



Deuteranomaly

199.5230, -23.4288, 1.2953



Tritanomaly

194.7290, 4.0776, -47.9973

Monochromacy



Original Color

188.9800, -20.2031, -53.4795



Achromatopsia

189.0000, 0.0000, 0.0000



Achromatomaly

188.9300, -7.3605, -19.2326

CSS Examples

Text

The CSS property to change the color of the text to YUV 188.9800, -20.2031, -53.4795 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(128, 228, 148)` looks like.

```
.text, #text, p{  
    color:rgb(128, 228, 148)  
}
```

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(128, 228, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 228, 148) }
```

Border

The CSS property to change the border of an element to YUV 188.9800, -20.2031, -53.4795 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(128, 228, 148) }
```


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

```
.border{ border-color:rgb(128, 228, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 228, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 228, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 228, 148);  
box-shadow:4px 4px 4px 4px rgb(128, 228,  
148) }
```

Background

The CSS property to change the background color of an element to YUV 188.9800, -20.2031, -53.4795 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 228, 148) }
```

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

```
.background{ background-color: rgb(128,  
228, 148) }
```

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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