

# Converting Colors

YUV(186.8130, -20.1208,  
-33.1620)

Have a look what the booklet for  
YUV(186.8130, -20.1208, -33.1620)  
contains.

<b>YUV(186.8130, -20.1208, -33.1620)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(186.8130, -20.1208,  
-33.1620)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	95D692
RGB	149, 214, 146
RGB Percent	58%, 84%, 57%
CMY	0.4157, 0.1608, 0.4275
CMYK	0.30, 0.00, 0.32, 0.16
HSL	117°, 45%, 71%
HSV	117°, 32%, 84%
XYZ	41.6293, 56.5580, 35.9168
YIQ	186.8130, -16.9120, -34.9280

# Conversions

## Conversions Part 2

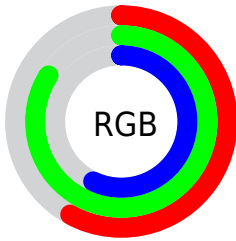
<b>Format</b>	<b>Color</b>
<b>RYB</b>	146, 214, 211
Decimal	9819794
CIELab	79.93, -33.78, 27.21
CIElCh	80, 43.373, 141.150
Yxy	56.5580, 0.3104, 0.4217
Android (android.graphics.Color)	4288009874 (0xFF95D692)
YUV	186.8130, -20.1208, -33.1620
Hunter-Lab	75.2051, -32.8013, 24.3275

# Details

The YUV color **186.8130, -20.1208, -33.1620** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **173.1870, 20.1208, 33.1620**, and the grayscale version is **187.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **233.7800, -16.6535, -25.2401**, and **132.8670, -18.6684, -32.3324** is the 20% darker color. If you saturate the color by 10%, you get **178.4390, -26.3454, -43.3580**, and if you desaturate by 10%, it is **195.1870, -13.8962, -22.9660**.

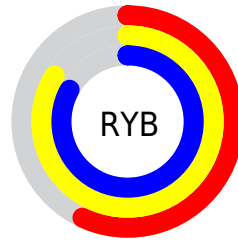
# Distribution



Red (58%)

Green (84%)

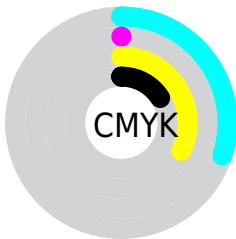
Blue (57%)



Red (57%)

Yellow (84%)

Blue (83%)

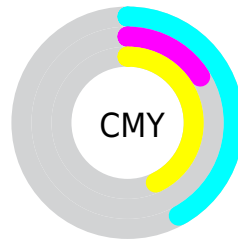


Cyan (30%)

Magenta (0%)

Yellow (32%)

Black (16%)



Cyan (42%)

Magenta (16%)

Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 186.8130, -20.1208, -33.1620 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 186.8130, -20.1208, -33.1620 by changing the saturation by 10% instead.



■ 186.8130,  
-20.1208, -33.1620

■ 186.8130,  
-20.1208, -33.1620

255.0000, 0.0000,  
0.0000

■ 159.3400,  
-19.3946, -32.7472

■ 233.7800,  
-16.6535, -25.2401

■ 132.8670,  
-18.6684, -32.3324

■ 245.4580, -8.1138,  
-10.9257

■ 106.5080,  
-17.5054, -32.0175

■ 81.3230, -16.9212,  
-32.7323

■ 54.7570, -15.1632,  
-36.6209

■ 34.0460, -16.7847,  
-29.8583

■ 21.7190, -10.7075,

-19.0476

■ 0.0000, 0.0000,  
0.0000

■ 186.8130,  
-20.1208, -33.1620

■ 186.8130,  
-20.1208, -33.1620

■ 178.4390,  
-26.3454, -43.3580

■ 195.1870,  
-13.8962, -22.9660

■ 169.6520,  
-32.8594, -54.0688

■ 203.9740, -7.3822,  
-12.2552

■ 161.2780,  
-39.0841, -64.2648

■ 212.3480, -1.1576,  
-2.0592

■ 152.4910,  
-45.5981, -74.9756

■ 221.1350, 5.3564,  
8.6516

■ 144.1170,  
-51.8227, -85.1716

■ 229.5090, 11.5811,  
18.8476

■ 135.4440,  
-57.8999, -95.9824

■ 230.9330, 11.8650,  
21.1068

■ 128.3090,  
-63.2563, -104.6340

# Harmonies

## Analogous

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



192.7330, -35.3644, 2.8652



186.8130, -20.1208, -33.1620



177.9340, 2.9905, -72.7331

# Triad

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



186.8130, -20.1208, -33.1620



184.9750, 34.5223, -59.6141



194.3550, -11.5140, 53.1857

# Complementary

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



186.8130, -20.1208, -33.1620



173.1870, 20.1208, 33.1620

# 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.



199.0290, 6.3947, 49.0866



186.8130, -20.1208, -33.1620



197.0890, 28.5501, -10.6021

# Square

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



186.8130, -20.1208, -33.1620



164.8430, 44.4474, -116.5033



203.1480, 22.6050, 29.6882



196.3490, -29.2591, 51.4369



# Rectangle

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



186.8130, -20.1208, -33.1620



168.2580, 21.5648, -103.7123



203.1480, 22.6050, 29.6882



195.2500, -5.5462, 52.4008

# Sweetspot

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



186.8130, -20.1208, -33.1620



244.9740, -7.3822, -12.2552



204.4870, -28.8341, 8.3429



121.6910, -4.7777, -7.6220



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

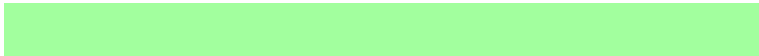


# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



186.8130, -20.1208, -33.1620



216.1350, -28.6606, -47.4764



189.4500, -6.1378, -38.1056



102.7560, -3.3307, -5.0480



102.7690, -50.6651, -83.1124



25.8390, -12.7386, -20.9068



# Inverse Universe

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



173.1870, 20.1208, 33.1620



196.8650, 28.6606, 47.4764



170.5500, 6.1379, 38.1057



100.5430, 3.1833, 5.6628



68.2310, 50.6651, 83.1124



17.1610, 12.7386, 20.9068



# Previews

## White Background



This preview shows how the YUV color 186.8130, -20.1208, -33.1620 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 186.8130, -20.1208, -33.1620 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

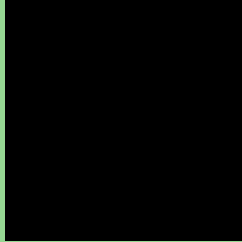
Any Text WCAG AA ✓ Pass

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 186.8130, -20.1208, -33.1620 Background



This preview shows how black text looks on a background with the YUV color 186.8130, -20.1208, -33.1620.



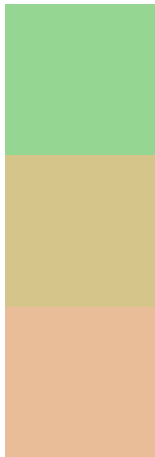
This preview shows how white text looks on a background with the YUV color 186.8130, -20.1208, -33.1620.

-33.1620.

# 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**

186.8130, -20.1208, -33.1620

**Protanopia**

195.1720, -27.6928, 15.6352

**Deuteranopia**

197.5250, -22.9368, 30.2346



## Tritanopia

194.2660, 13.1799, -27.4203

# Trichromacy



## Original Color

186.8130, -20.1208, -33.1620



## Protanomaly

192.1590, -24.7284, -1.8934



## Deuteranomaly

193.6100, -21.9927, 7.3580



## Tritanomaly

191.4540, 1.2552, -29.3392

# Monochromacy



## Original Color

186.8130, -20.1208, -33.1620



## Achromatopsia

187.0000, 0.0000, 0.0000



## Achromatomaly

186.9740, -7.3822, -12.2552

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 186.8130, -20.1208, -33.1620 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(149, 214, 146)` looks like.

```
.text, #text, p{  
    color:rgb(149, 214, 146)  
}
```

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(149, 214, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 214, 146) }
```

## Border

The CSS property to change the border of an element to YUV 186.8130, -20.1208, -33.1620 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(149, 214, 146) }
```



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

```
.border{ border-color:rgb(149, 214, 146) }
```

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

Here you see how a box with a 4 pixel rgb(149, 214, 146) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 214, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 214, 146);  
box-shadow:4px 4px 4px 4px rgb(149, 214,  
146) }
```

# Background

The CSS property to change the background color of an element to YUV 186.8130, -20.1208, -33.1620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 214, 146) }
```

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

```
.background{ background-color: rgb(149,  
214, 146) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor