

# Converting Colors

YUV(192.6940, -2.8071,  
-33.0576)

Have a look what the booklet for  
YUV(192.6940, -2.8071, -33.0576)  
contains.

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# Color

**YUV(192.6940, -2.8071,  
-33.0576)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9BD5BB
RGB	155, 213, 187
RGB Percent	61%, 84%, 73%
CMY	0.3922, 0.1647, 0.2667
CMYK	0.27, 0.00, 0.12, 0.16
HSL	153°, 41%, 72%
HSV	153°, 27%, 84%
XYZ	46.2815, 58.1449, 55.7975
YIQ	192.6940, -26.2220, -20.3820

# Conversions

## Conversions Part 2

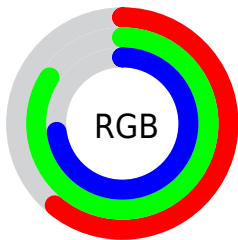
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">155, 192, 213</a>
Decimal	<a href="#">10212795</a>
CIELab	<a href="#">80.82, -23.96, 6.88</a>
CIELCh	<a href="#">81, 24.931, 163.975</a>
Yxy	<a href="#">58.1449, 0.2889, 0.3629</a>
Android (android.graphics.Color)	<a href="#">4288402875 (0xFF9BD5BB)</a>
YUV	<a href="#">192.6940, -2.8071, -33.0576</a>
Hunter-Lab	<a href="#">76.2528, -25.1023, 9.9919</a>

# Details

The YUV color **192.6940, -2.8071, -33.0576** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **175.3060, 2.8071, 33.0576**, and the grayscale version is **193.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **240.4760, 1.2443, -25.8505**, and **138.5200, -2.2284, -32.0280** is the 20% darker color. If you saturate the color by 10%, you get **185.2750, -4.0796, -44.9682**, and if you desaturate by 10%, it is **200.1130, -1.5347, -21.1471**.

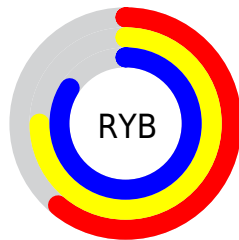
# Distribution



Red (61%)

Green (84%)

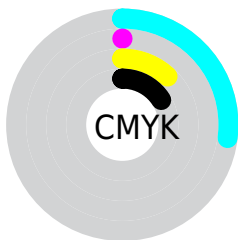
Blue (73%)



Red (61%)

Yellow (75%)

Blue (84%)

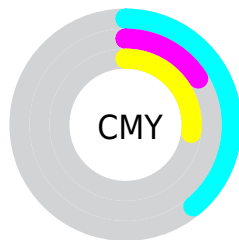


Cyan (27%)

Magenta (0%)

Yellow (12%)

Black (16%)



Cyan (39%)

Magenta (16%)

Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 192.6940, -2.8071, -33.0576 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 192.6940, -2.8071, -33.0576 by changing the saturation by 10% instead.



 192.6940, -2.8071,  
-33.0576


 192.6940, -2.8071,  
-33.0576

255.0000, 0.0000,  
0.0000


 165.1070, -2.5178,  
-32.5428


 240.4760, 1.2443,  
-25.8505

 138.5200, -2.2284,  
-32.0280

 250.2160, 2.3585,  
-9.8364

 112.9330, -1.9390,  
-31.5132

 87.3460, -1.6496,  
-30.9984

 62.8620, -0.9180,  
-32.3280

 38.4920, 0.2504,  
-33.7575

 23.8850, -2.4083,

-20.9471

■ 3.5220, -1.7363,  
-3.0888

■ 0.0000, 0.0000,  
0.0000

■ 192.6940, -2.8071,  
-33.0576

■ 192.6940, -2.8071,  
-33.0576

■ 185.2750, -4.0796,  
-44.9682

■ 200.1130, -1.5347,  
-21.1471

■ 177.6710, -4.7678,  
-57.5935

■ 207.7170, -0.8465,  
-8.5218

■ 170.2520, -6.0402,  
-69.5040

■ 215.1360, 0.4260,  
3.3887

■ 162.9470, -6.8759,  
-81.5145

■ 222.4410, 1.2616,  
15.3992

■ 155.2290, -8.0009,  
-94.0398

■ 228.0660, 3.4185,  
23.6211

■ 147.9240, -8.8365,  
-106.0503

■ 229.0920, 7.3496,  
22.7213

■ 140.5050,  
-10.1090, -117.9609

■ 230.2320, 11.7176,  
21.7215

■ 138.4830,  
-10.0981, -121.4496

■ 230.3460, 12.1544,  
21.6216

# Harmonies

## Analogous

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



195.5410, -14.0707, -13.6295



192.6940, -2.8071, -33.0576



190.9340, 9.8925, -46.4231

# Triad

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



192.6940, -2.8071, -33.0576



201.0690, 22.1510, -11.4615



202.8770, -16.7014, 36.9419

# Complementary

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



192.6940, -2.8071, -33.0576



175.3060, 2.8071, 33.0576

# 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.



204.1190, -6.9607, 39.3606



192.6940, -2.8071, -33.0576



203.9750, 14.8023, 12.2999

# Square

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



192.6940, -2.8071, -33.0576



195.7950, 24.2581, -34.0232



204.7510, 4.5598, 30.9134



201.0190, -22.1944, 25.4163



# Rectangle

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



192.6940, -2.8071, -33.0576



191.1600, 17.1761, -49.2523



204.7510, 4.5598, 30.9134



203.0990, -13.3598, 38.5012

# Sweetspot

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



192.6940, -2.8071, -33.0576



247.9940, -0.9830, -11.3957



196.8200, -20.6173, -13.8741



123.4290, -0.7045, -7.3922



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

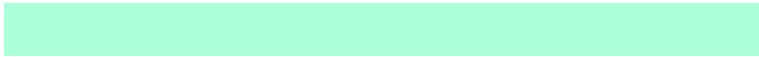


# Same Dimension

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



192.6940, -2.8071, -33.0576



225.5520, -4.2161, -47.8421



193.8970, 9.4178, -34.1127



103.1410, -0.5625, -6.2627



111.0930, -8.4268, -97.4286



27.9770, -1.9607, -24.5358



# Inverse Universe

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



175.3060, 2.8071, 33.0576



200.4480, 4.2161, 47.8421



174.1030, -9.4178, 34.1127



99.8590, 0.5625, 6.2627



59.9070, 8.4268, 97.4286

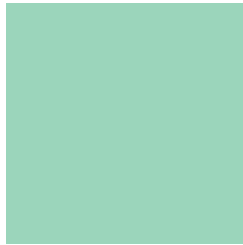


15.0230, 1.9607, 24.5358



# Previews

## White Background



This preview shows how the YUV color 192.6940, -2.8071, -33.0576 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

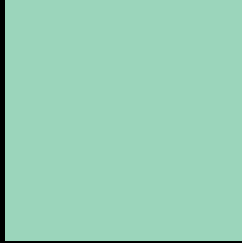
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 192.6940, -2.8071, -33.0576 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

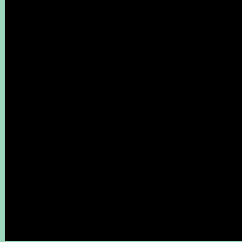
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 192.6940, -2.8071, -33.0576

## Background



This preview shows how black text looks on a background with the YUV color 192.6940, -2.8071, -33.0576.



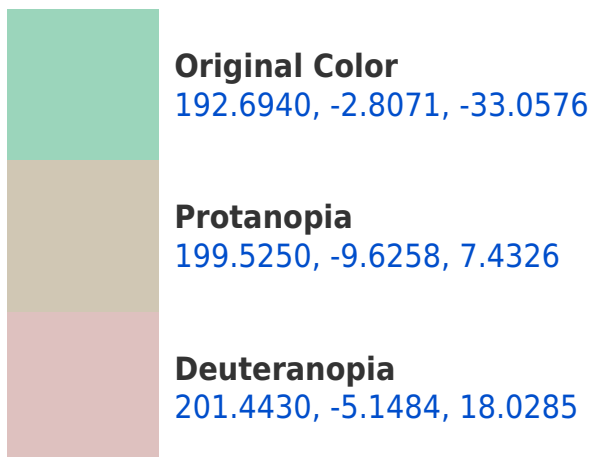
This preview shows how white text looks on a background with the YUV color 192.6940, -2.8071, -33.0576.

-33.0576.

# 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





## Tritanopia

196.3690, 13.6221, -29.2646

# Trichromacy



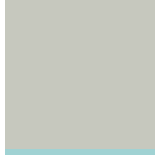
## Original Color

192.6940, -2.8071, -33.0576



## Protanomaly

197.1210, -6.9617, -7.1221



## Deuteranomaly

198.2620, -4.0732, -0.2298



## Tritanomaly

195.1640, 7.8071, -30.8388

# Monochromacy



## Original Color

192.6940, -2.8071, -33.0576



## Achromatopsia

193.0000, 0.0000, 0.0000



## Achromatomaly

192.6950, -0.8356, -12.0105

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 192.6940, -2.8071, -33.0576 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(155, 213, 187)` looks like.

```
.text, #text, p{  
    color:rgb(155, 213, 187)  
}
```

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(155, 213, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 213, 187) }
```

## Border

The CSS property to change the border of an element to YUV 192.6940, -2.8071, -33.0576 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(155, 213, 187) }
```



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

```
.border{ border-color:rgb(155, 213, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 213, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 213, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 213, 187);  
box-shadow:4px 4px 4px 4px rgb(155, 213,  
187) }
```

# Background

The CSS property to change the background color of an element to YUV 192.6940, -2.8071, -33.0576 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 213, 187) }
```

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

```
.background{ background-color: rgb(155,  
213, 187) }
```

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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