

Converting Colors

YUV(191.9540, -13.7813,
-13.1147)

Have a look what the booklet for
YUV(191.9540, -13.7813, -13.1147)
contains.

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Color

**YUV(191.9540, -13.7813,
-13.1147)**

Conversions

Conversions Part 1

Format	Color
Hex	B1CDA4
RGB	177, 205, 164
RGB Percent	69%, 80%, 64%
CMY	0.3059, 0.1961, 0.3569
CMYK	0.14, 0.00, 0.20, 0.20
HSL	101°, 29%, 72%
HSV	101°, 20%, 80%
XYZ	46.6636, 55.6901, 43.4118
YIQ	191.9540, -3.5270, -18.6870

Conversions

Conversions Part 2

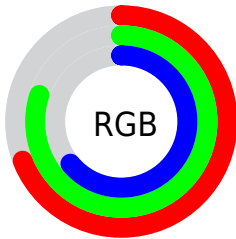
Format	Color
RYB	164, 205, 192
Decimal	11652516
CIELab	79.44, -16.92, 17.35
CIELCh	79, 24.234, 134.297
Yxy	55.6901, 0.3201, 0.3821
Android (android.graphics.Color)	4289842596 (0xFFB1CDA4)
YUV	191.9540, -13.7813, -13.1147
Hunter-Lab	74.6258, -18.9788, 17.7475

Details

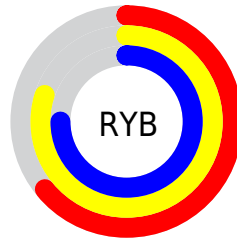
The YUV color **191.9540, -13.7813, -13.1147** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **177.0460, 13.7813, 13.1147**, and the grayscale version is **192.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **244.3180, -12.4818, -9.9259**, and **138.4810, -13.0551, -12.6998** is the 20% darker color. If you saturate the color by 10%, you get **185.4880, -20.4536, -19.7220**, and if you desaturate by 10%, it is **198.5340, -6.6723, -6.6073**.

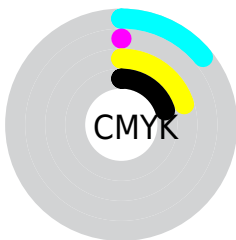
Distribution



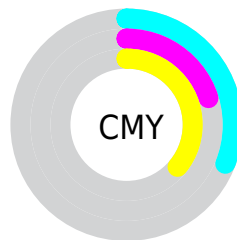
- Red (69%)
- Green (80%)
- Blue (64%)



- Red (64%)
- Yellow (80%)
- Blue (75%)



- Cyan (14%)
- Magenta (0%)
- Yellow (20%)
- Black (20%)



- Cyan (31%)
- Magenta (20%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YUV color 191.9540, -13.7813, -13.1147 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 191.9540, -13.7813, -13.1147 by changing the saturation by 10% instead.

■ 191.9540,
-13.7813, -13.1147

■ 191.9540,
-13.7813, -13.1147

255.0000, 0.0000,
0.0000

■ 164.4810,
-13.0551, -12.6998

■ 244.3180,
-12.4818, -9.9259

■ 138.4810,
-13.0551, -12.6998

■ 254.2020, -3.0576,
0.6998

■ 113.0080,
-12.3289, -12.2850

■ 88.1220, -11.8921,
-12.3850

■ 64.6490, -11.1660,
-11.9702

■ 42.1760, -10.4398,
-11.5554

■ 21.4750, -10.5872,

-10.9406

■ 0.0000, 0.0000,
0.0000

■ 191.9540,
-13.7813, -13.1147

■ 191.9540,
-13.7813, -13.1147

■ 185.4880,
-20.4536, -19.7220

■ 198.5340, -6.6723,
-6.6073

■ 178.9080,
-27.5626, -26.2293

■ 205.0000, 0.0000,
0.0000

■ 172.4420,
-34.2349, -32.8366

■ 211.5800, 7.1091,
6.5073

■ 165.8620,
-41.3440, -39.3440

■ 218.0460, 13.7813,
13.1147

■ 159.3960,
-48.0162, -45.9513

■ 223.2580, 15.6488,
20.8217

■ 152.8160,
-55.1253, -52.4586

■ 225.6500, 14.4696,
25.7400

■ 146.2360,
-62.2343, -58.9660

■ 139.7700,
-68.9066, -65.5733

Harmonies

Analogous

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



194.9520, -20.6823, 7.0581



191.9540, -13.7813, -13.1147



189.1070, -2.5178, -32.5428

Triad

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



191.9540, -13.7813, -13.1147



192.2790, 23.5265, -32.6937



200.2220, -6.5184, 37.5163

Complementary

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



191.9540, -13.7813, -13.1147



177.0460, 13.7813, 13.1147

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.



201.0390, 4.4178, 29.7838



191.9540, -13.7813, -13.1147



197.1400, 21.1300, -10.6468

Square

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



191.9540, -13.7813, -13.1147



188.7520, 19.3493, -46.2635



199.8610, 14.3655, 12.3999



198.9800, -16.2591, 35.0975

Rectangle

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



191.9540, -13.7813, -13.1147



187.8160, 5.5137, -41.9346



199.8610, 14.3655, 12.3999



200.7210, -3.3135, 36.2017

Sweetspot

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



191.9540, -13.7813, -13.1147



250.3000, -5.0779, -4.6481



192.1080, -13.8572, 11.3063



124.8810, -2.8993, -3.4036



0.0000, 0.0000, 0.0000



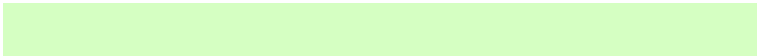
128.0000, 0.0000, 0.0000

Same Dimension

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



191.9540, -13.7813, -13.1147



235.4880, -20.4536, -19.7220



188.8650, -8.8074, -21.8066



98.7670, -3.3361, -3.3037



113.2890, -55.8515, -52.8735



25.8940, -12.7657, -12.1850

Inverse Universe

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



177.0460, 13.7813, 13.1147



213.5120, 20.4536, 19.7220



180.1350, 8.8074, 21.8066



95.2330, 3.3361, 3.3037



52.7110, 55.8515, 52.8735



12.1060, 12.7657, 12.1850

Previews

White Background



This preview shows how the YUV color 191.9540, -13.7813, -13.1147 looks on a white background.

Color Contrast Check

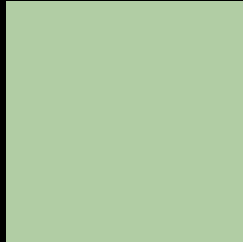
Large Text (above 18pt) WCAG AA × Fail

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 191.9540, -13.7813, -13.1147 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

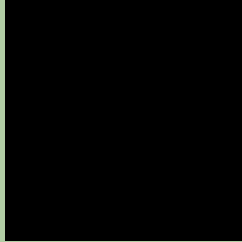
Any Text WCAG AA ✓ Pass

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 191.9540, -13.7813, -13.1147 Background



This preview shows how black text looks on a background with the YUV color 191.9540, -13.7813, -13.1147.



This preview shows how white text looks on a background with the YUV color 191.9540, -13.7813, -13.1147.

-13.1147.

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

191.9540, -13.7813, -13.1147

Protanopia

195.4840, -17.4936, 10.9765

Deuteranopia

197.5550, -15.0636, 24.9463



Tritanopia

195.9370, 8.9051, -9.5917

Trichromacy



Original Color

191.9540, -13.7813, -13.1147

Protanomaly

194.0700, -16.3035, 2.5696

Deuteranomaly

195.5810, -14.5834, 10.8915

Tritanomaly

194.7490, 0.6167, -11.1809

Monochromacy



Original Color

191.9540, -13.7813, -13.1147

Achromatopsia

192.0000, 0.0000, 0.0000

Achromatomaly

192.3000, -5.0779, -4.6481

CSS Examples

Text

The CSS property to change the color of the text to YUV 191.9540, -13.7813, -13.1147 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(177, 205, 164)` looks like.

```
.text, #text, p{  
    color:rgb(177, 205, 164)  
}
```

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(177, 205, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 205, 164) }
```

Border

The CSS property to change the border of an element to YUV 191.9540, -13.7813, -13.1147 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(177, 205, 164) }
```


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

```
.border{ border-color:rgb(177, 205, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 205, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 205, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 205, 164);  
box-shadow:4px 4px 4px 4px rgb(177, 205,  
164) }
```

Background

The CSS property to change the background color of an element to YUV 191.9540, -13.7813, -13.1147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 205, 164) }
```

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

```
.background{ background-color: rgb(177,  
205, 164) }
```

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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