

Converting Colors

YUV(193.5230, -13.5688,
-34.6617)

Have a look what the booklet for
YUV(193.5230, -13.5688, -34.6617)
contains.

YUV(193.5230, -13.5688, -34.6617)	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(193.5230, -13.5688,
-34.6617)**

Conversions

Conversions Part 1

Format	Color
Hex	9ADBA6
RGB	154, 219, 166
RGB Percent	60%, 86%, 65%
CMY	0.3961, 0.1412, 0.3490
CMYK	0.30, 0.00, 0.24, 0.14
HSL	131°, 47%, 73%
HSV	131°, 30%, 86%
XYZ	45.5409, 60.2862, 45.3125
YIQ	193.5230, -21.7270, -30.2630

Conversions

Conversions Part 2

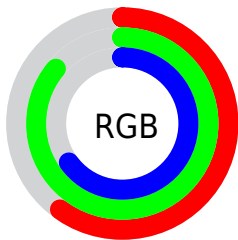
Format	Color
RYB	154, 209, 219
Decimal	10148774
CIELab	81.99, -31.13, 19.63
CIELCh	82, 36.807, 147.761
Yxy	60.2862, 0.3013, 0.3989
Android (android.graphics.Color)	4288338854 (0xFF9ADBA6)
YUV	193.5230, -13.5688, -34.6617
Hunter-Lab	77.6442, -31.1813, 19.7498

Details

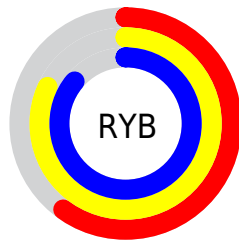
The YUV color **193.5230, -13.5688, -34.6617** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **179.4770, 13.5688, 34.6617**, and the grayscale version is **194.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **237.6690, -8.2178, -24.2657**, and **139.4630, -12.5533, -33.7321** is the 20% darker color. If you saturate the color by 10%, you get **184.8930, -18.1882, -46.3872**, and if you desaturate by 10%, it is **202.1530, -8.9494, -22.9362**.

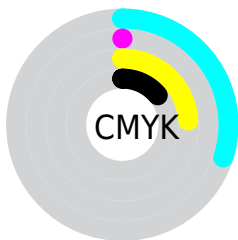
Distribution



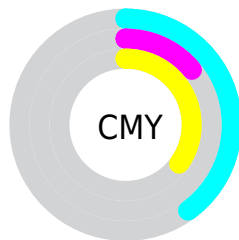
- Red (60%)
- Green (86%)
- Blue (65%)



- Red (60%)
- Yellow (82%)
- Blue (86%)



- Cyan (30%)
- Magenta (0%)
- Yellow (24%)
- Black (14%)



- Cyan (40%)
- Magenta (14%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YUV color 193.5230, -13.5688, -34.6617 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 193.5230, -13.5688, -34.6617 by changing the saturation by 10% instead.

■ 193.5230,
-13.5688, -34.6617

■ 193.5230,
-13.5688, -34.6617

255.0000, 0.0000,
0.0000

■ 166.0500,
-12.8426, -34.2468

■ 237.6690, -8.2178,
-24.2657

■ 139.4630,
-12.5533, -33.7321

■ 249.6460, 0.1745,
-9.3365

■ 112.9900,
-11.8271, -33.3172

■ 87.2180, -10.9535,
-33.5172

■ 62.5490, -9.6377,
-35.5615

■ 39.3750, -9.0589,
-34.5319

■ 23.4800, -11.5756,

-20.5920

■ 7.6310, -3.7621,
-6.6924

■ 0.0000, 0.0000,
0.0000

■ 193.5230,
-13.5688, -34.6617

■ 193.5230,
-13.5688, -34.6617

■ 184.8930,
-18.1882, -46.3872

■ 202.1530, -8.9494,
-22.9362

■ 176.2630,
-22.8077, -58.1127

■ 210.7830, -4.3300,
-11.2107

■ 167.6330,
-27.4271, -69.8381

■ 219.4130, 0.2894,
0.5148

■ 159.1170,
-31.6097, -81.6636

■ 227.9290, 4.4720,
12.3403

■ 150.7860,
-36.3765, -92.7743

■ 233.8680, 10.4181,
18.5328

■ 142.1560,
-40.9959, -104.4998

■ 133.5260,
-45.6153, -116.2253

■ 133.1130,
-45.9047, -116.7401

Harmonies

Analogous

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



198.6380, -27.9225, -4.0675



193.5230, -13.5688, -34.6617



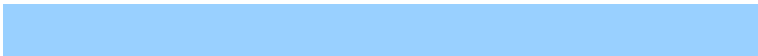
187.7870, 6.0210, -64.7112

Triad

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



193.5230, -13.5688, -34.6617



196.9130, 28.6369, -38.5117



201.6270, -14.1131, 46.8081

Complementary

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



193.5230, -13.5688, -34.6617



179.4770, 13.5688, 34.6617

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.



204.4430, 1.7536, 44.3385



193.5230, -13.5688, -34.6617



205.4170, 24.4444, -0.3657

Square

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



193.5230, -13.5688, -34.6617



187.5450, 33.2553, -73.2690



208.7370, 15.9057, 31.8027



203.9460, -28.0744, 44.7744

Rectangle

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



193.5230, -13.5688, -34.6617



183.9450, 19.7471, -80.6358



208.7370, 15.9057, 31.8027



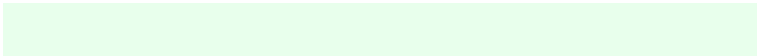
201.7070, -8.7296, 46.7380

Sweetspot

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



193.5230, -13.5688, -34.6617



245.9570, -4.9088, -12.2403



208.0020, -26.6230, -0.8788



122.1470, -3.0305, -8.0219



0.0000, 0.0000, 0.0000



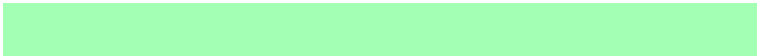
128.0000, 0.0000, 0.0000

Same Dimension

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



193.5230, -13.5688, -34.6617



218.9420, -19.1984, -49.0611



197.1710, 0.4087, -37.8610



105.6850, -2.3097, -5.8627



105.1990, -36.0871, -92.2595



27.9140, -9.8176, -24.4806

Inverse Universe

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



179.4770, 13.5688, 34.6617



199.0580, 19.1984, 49.0611



175.8290, -0.4087, 37.8610



103.3150, 2.3097, 5.8627



67.8010, 36.0871, 92.2595



17.9720, 9.3808, 24.5806

Previews

White Background



This preview shows how the YUV color 193.5230, -13.5688, -34.6617 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 193.5230, -13.5688, -34.6617 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 193.5230, -13.5688, -34.6617 Background



This preview shows how black text looks on a background with the YUV color 193.5230, -13.5688, -34.6617.



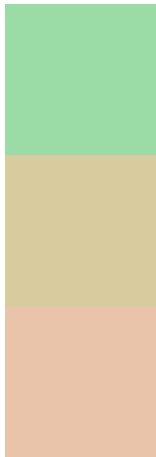
This preview shows how white text looks on a background with the YUV color 193.5230, -13.5688, -34.6617.

-34.6617.

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

193.5230, -13.5688, -34.6617

Protanopia

201.7570, -21.5722, 12.4911

Deuteranopia

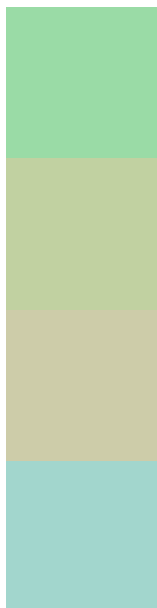
203.9250, -16.2320, 26.3758



Tritanopia

199.4830, 14.0589, -29.3646

Trichromacy



Original Color

193.5230, -13.5688, -34.6617

Protanomaly

198.7440, -18.6078, -5.0375

Deuteranomaly

200.3090, -15.4353, 4.1140

Tritanomaly

197.4260, 3.7340, -31.0686

Monochromacy



Original Color

193.5230, -13.5688, -34.6617

Achromatopsia

194.0000, 0.0000, 0.0000

Achromatomaly

193.6580, -4.7614, -12.8551

CSS Examples

Text

The CSS property to change the color of the text to YUV 193.5230, -13.5688, -34.6617 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(154, 219, 166)` looks like.

```
.text, #text, p{  
    color:rgb(154, 219, 166)  
}
```

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(154, 219, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 219, 166) }
```

Border

The CSS property to change the border of an element to YUV 193.5230, -13.5688, -34.6617 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(154, 219, 166) }
```


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

```
.border{ border-color:rgb(154, 219, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 219, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 219, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 219, 166);  
box-shadow:4px 4px 4px 4px rgb(154, 219,  
166) }
```

Background

The CSS property to change the background color of an element to YUV 193.5230, -13.5688, -34.6617 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 219, 166) }
```

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

```
.background{ background-color: rgb(154,  
219, 166) }
```

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