

Converting Colors

YUV(194.7490, 13.9277,
-33.9829)

Have a look what the booklet for
YUV(194.7490, 13.9277, -33.9829)
contains.

YUV(194.7490, 13.9277, -33.9829)	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(194.7490, 13.9277,
-33.9829)**

Conversions

Conversions Part 1

Format	Color
Hex	9CD1DF
RGB	156, 209, 223
RGB Percent	61%, 82%, 87%
CMY	0.3882, 0.1804, 0.1255
CMYK	0.30, 0.06, 0.00, 0.13
HSL	193°, 51%, 74%
HSV	193°, 30%, 87%
XYZ	49.8300, 57.9966, 78.3802
YIQ	194.7490, -36.0820, -6.8820

Conversions

Conversions Part 2

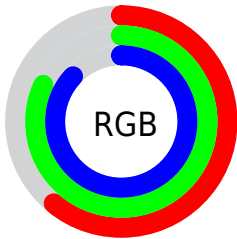
Format	Color
R _Y B	156, 186, 223
Decimal	10277343
CIE Lab	80.74, -13.80, -12.46
CIE LCh	81, 18.590, 222.071
Yxy	57.9966, 0.2676, 0.3115
Android (android.graphics.Color)	4288467423 (0xFF9CD1DF)
YUV	194.7490, 13.9277, -33.9829
Hunter-Lab	76.1555, -16.4760, -7.7132

Details

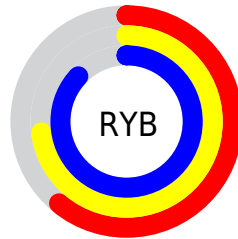
The YUV color $194.7490, 13.9277, -33.9829$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $184.2510, -13.9277, 33.9829$, and the grayscale version is $195.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $242.1430, 6.3385, -26.4354$, and $140.6350, 13.4909, -33.8829$ is the 20% darker color. If you saturate the color by 10%, you get $185.2360, 18.6177, -44.9340$, and if you desaturate by 10%, it is $204.2620, 9.2378, -23.0318$.

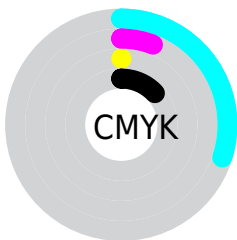
Distribution



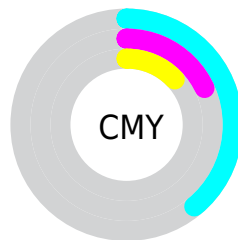
- Red (61%)
- Green (82%)
- Blue (87%)



- Red (61%)
- Yellow (73%)
- Blue (87%)



- Cyan (30%)
- Magenta (6%)
- Yellow (0%)
- Black (13%)



- Cyan (39%)
- Magenta (18%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YUV color 194.7490, 13.9277, -33.9829 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 194.7490, 13.9277, -33.9829 by changing the saturation by 10% instead.

■ 194.7490, 13.9277,
-33.9829

■ 194.7490, 13.9277,
-33.9829

255.0000, 0.0000,
0.0000

■ 167.0480, 13.7803,
-33.3681

■ 242.1430, 6.3385,
-26.4354

■ 140.6350, 13.4909,
-33.8829

■ 250.8140, 2.0637,
-8.6069

■ 113.9340, 13.3435,
-33.2681

■ 88.6350, 13.4909,
-33.8829

■ 63.0260, 13.7912,
-36.8568

■ 40.6240, 13.4964,
-35.6272

■ 25.7890, 9.9640,

-22.6170

■ 6.3720, 9.1836,
-5.5882

■ 0.0000, 0.0000,
0.0000

■ 194.7490, 13.9277,
-33.9829

■ 194.7490, 13.9277,
-33.9829

■ 185.2360, 18.6177,
-44.9340

■ 204.2620, 9.2378,
-23.0318

■ 176.0110, 23.1656,
-57.0146

■ 213.4870, 4.6899,
-10.9511

■ 166.4980, 27.8555,
-67.9657

■ 223.0000, 0.0000,
0.0000

■ 156.9850, 32.5454,
-78.9168

■ 232.5130, -4.6899,
10.9511

■ 148.0590, 36.9459,
-90.3827

■ 237.8510, -7.3215,
15.0397

■ 138.2470, 41.7832,
-101.9486

■ 240.7860, -8.7685,
12.4657

■ 128.7340, 46.4731,
-112.8997

■ 243.7210,
-10.2155, 9.8917

■ 246.0690,
-11.3730, 7.8325

■ 249.0040,
-12.8200, 5.2585

Harmonies

Analogous

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



194.0990, 6.3602, -33.4128



194.7490, 13.9277, -33.9829



197.4280, 17.5370, -24.9314

Triad

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



194.7490, 13.9277, -33.9829



204.1690, 3.8607, 21.7768



198.8040, -16.1724, 7.1879

Complementary

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



194.7490, 13.9277, -33.9829



184.2510, -13.9277, 33.9829

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.



201.1800, -16.3577, 20.0131



194.7490, 13.9277, -33.9829



203.3350, -4.6022, 29.5242

Square

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



194.7490, 13.9277, -33.9829



203.0300, 11.3242, 7.8667



202.6740, -12.1643, 28.3499



196.6710, -11.1768, -8.4815

Rectangle

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



194.7490, 13.9277, -33.9829



199.4940, 17.5045, -14.4652



202.6740, -12.1643, 28.3499



200.0110, -16.7674, 11.3914

Sweetspot

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



194.7490, 13.9277, -33.9829



245.1880, 4.8373, -11.5659



196.8110, -13.7108, -35.7912



121.7540, 3.0793, -7.6773



0.0000, 0.0000, 0.0000



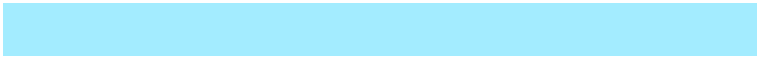
128.0000, 0.0000, 0.0000

Same Dimension

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



194.7490, 13.9277, -33.9829



216.3390, 19.0599, -46.7783



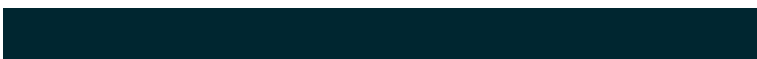
175.3780, 23.4776, -16.9945



107.5370, 2.2003, -5.7329



101.6570, 36.6511, -89.1532



27.7780, 9.9694, -24.3613

Inverse Universe

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



182.0750, 13.2740, 35.8912



198.8300, 18.3248, 49.2611



203.6220, -23.4776, 16.9945



105.3150, 2.3097, 5.8627



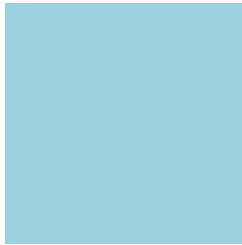
68.4700, 34.7713, 94.3038



18.6840, 9.5228, 25.7101

Previews

White Background



This preview shows how the YUV color 194.7490, 13.9277, -33.9829 looks on a white background.

Color Contrast Check

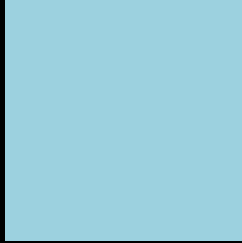
Large Text (above 18pt) WCAG AA × Fail

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 194.7490, 13.9277, -33.9829 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

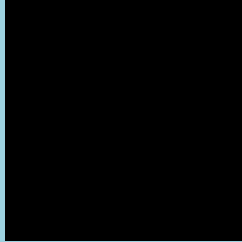
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 194.7490, 13.9277, -33.9829

Background



This preview shows how black text looks on a background with the YUV color 194.7490, 13.9277, -33.9829.



This preview shows how white text looks on a background with the YUV color 194.7490, 13.9277, -33.9829.

-33.9829.

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

194.7490, 13.9277, -33.9829

Protanopia

200.0520, 7.8624, -1.7996

Deuteranopia

202.1220, 11.7719, 4.2780



Tritanopia

195.2760, 14.6539, -33.5681

Trichromacy



Original Color

194.7490, 13.9277, -33.9829

Protanomaly

198.2570, 10.2263, -13.3804

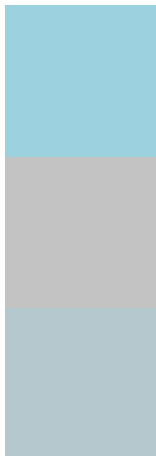
Deuteranomaly

199.2620, 12.6888, -9.8768

Tritanomaly

195.1620, 14.2171, -33.4681

Monochromacy



Original Color

194.7490, 13.9277, -33.9829

Achromatopsia

195.0000, 0.0000, 0.0000

Achromatomaly

194.8890, 4.9847, -12.1807

CSS Examples

Text

The CSS property to change the color of the text to YUV 194.7490, 13.9277, -33.9829 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(156, 209, 223)` looks like.

```
.text, #text, p{  
    color:rgb(156, 209, 223)  
}
```

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(156, 209, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 209, 223) }
```

Border

The CSS property to change the border of an element to YUV 194.7490, 13.9277, -33.9829 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(156, 209, 223) }
```


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

```
.border{ border-color:rgb(156, 209, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 209, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 209, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 209, 223);  
box-shadow:4px 4px 4px 4px rgb(156, 209,  
223) }
```

Background

The CSS property to change the background color of an element to YUV 194.7490, 13.9277, -33.9829 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 209, 223) }
```

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

```
.background{ background-color: rgb(156,  
209, 223) }
```

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