

Converting Colors

YUV(193.8220, 19.8078,
-53.3409)

Have a look what the booklet for
YUV(193.8220, 19.8078, -53.3409)
contains.

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Color

**YUV(193.8220, 19.8078,
-53.3409)**

Conversions

Conversions Part 1

Format	Color
Hex	85D9EA
RGB	133, 217, 234
RGB Percent	52%, 85%, 92%
CMY	0.4784, 0.1490, 0.0824
CMYK	0.43, 0.07, 0.00, 0.08
HSL	190°, 71%, 72%
HSV	190°, 43%, 92%
XYZ	49.3370, 60.5528, 86.9294
YIQ	193.8220, -55.5210, -12.5210

Conversions

Conversions Part 2

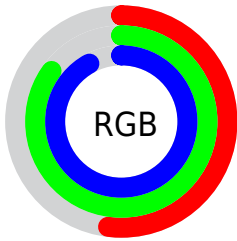
Format	Color
RYB	133, 179, 234
Decimal	8772074
CIELab	82.14, -21.17, -16.33
CIELCh	82, 26.741, 217.651
Yxy	60.5528, 0.2507, 0.3077
Android (android.graphics.Color)	4286962154 (0xFF85D9EA)
YUV	193.8220, 19.8078, -53.3409
Hunter-Lab	77.8157, -23.0041, -11.7631

Details

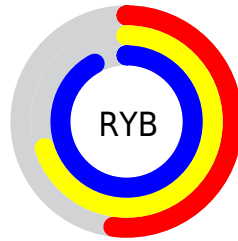
The YUV color **193.8220, 19.8078, -53.3409** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **173.1780, -19.8078, 53.3409**, and the grayscale version is **194.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **235.5650, 9.5815, -39.9605**, and **137.8110, 19.8132, -55.0852** is the 20% darker color. If you saturate the color by 10%, you get **184.5970, 24.3557, -65.4216**, and if you desaturate by 10%, it is **203.0470, 15.2598, -41.2602**.

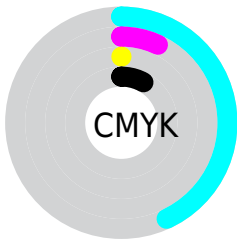
Distribution



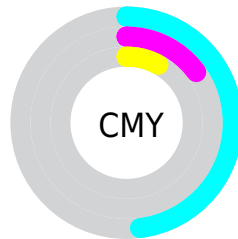
- Red (52%)
- Green (85%)
- Blue (92%)



- Red (52%)
- Yellow (70%)
- Blue (92%)



- Cyan (43%)
- Magenta (7%)
- Yellow (0%)
- Black (8%)



- Cyan (48%)
- Magenta (15%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YUV color 193.8220, 19.8078, -53.3409 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 193.8220, 19.8078, -53.3409 by changing the saturation by 10% instead.

■ 193.8220, 19.8078,
-53.3409

■ 193.8220, 19.8078,
-53.3409

■ 255.0000, 0.0000,
0.0000

■ 165.5230, 19.9552,
-53.9557

■ 235.5650, 9.5815,
-39.9605

■ 137.8110, 19.8132,
-55.0852

■ 244.5350, 5.1592,
-21.5172

■ 110.0170, 20.6976,
-58.7739

■ 253.2060, 0.8844,
-3.6887

■ 78.9340, 23.2035,
-69.2251

■ 61.4090, 19.5184,
-53.8557

■ 45.1720, 15.6912,
-39.6158

■ 29.6360, 12.0115,

-25.9908

■ 13.1540, 9.7841,
-11.5361

■ 0.7980, 3.0576,
-0.6998

■ 193.8220, 19.8078,
-53.3409

■ 193.8220, 19.8078,
-53.3409

■ 184.5970, 24.3557,
-65.4216

■ 203.0470, 15.2598,
-41.2602

■ 175.0730, 29.0510,
-78.1170

■ 212.5710, 10.5645,
-28.5648

■ 165.8480, 33.5989,
-90.1977

■ 221.7960, 6.0166,
-16.4841

■ 156.3240, 38.2943,
-102.8931

■ 231.3200, 1.3212,
-3.7886

■ 147.0990, 42.8422,
-114.9738

■ 240.5450, -3.2267,
8.2920

■ 141.1410, 45.7795,
-123.7807

■ 244.3880, -5.1213,
9.3067

■ 246.7360, -6.2788,
7.2475

■ 249.0840, -7.4364,
5.1883

■ 250.8450, -8.3046,
3.6439

Harmonies

Analogous

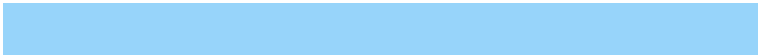
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



193.7550, 8.0088, -48.8971



193.8220, 19.8078, -53.3409



198.0930, 25.5902, -41.3006

Triad

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



193.8220, 19.8078, -53.3409



208.8370, 7.4754, 29.0840



202.8880, -23.6088, 12.3762

Complementary

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



193.8220, 19.8078, -53.3409



173.1780, -19.8078, 53.3409

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.



204.9380, -22.6474, 30.7494



193.8220, 19.8078, -53.3409



208.1130, -4.4927, 41.1199

Square

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



193.8220, 19.8078, -53.3409



207.7510, 17.8708, 8.1114



206.5400, -15.5492, 40.7454



199.6510, -17.5759, -9.3409

Rectangle

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



193.8220, 19.8078, -53.3409



201.5940, 25.8362, -26.8309



206.5400, -15.5492, 40.7454



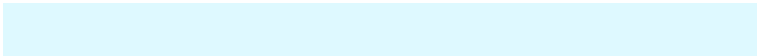
203.4050, -24.3567, 18.9388

Sweetspot

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



193.8220, 19.8078, -53.3409



241.6110, 6.6008, -17.1988



194.2250, -21.8029, -53.6943



119.3730, 4.2531, -10.8511



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.



193.8220, 19.8078, -53.3409



202.3190, 25.9717, -70.4398



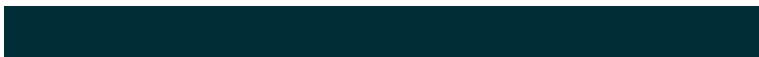
164.4720, 34.2773, -27.6009



112.5370, 2.2003, -5.7329



109.2710, 35.3624, -95.8307



32.5710, 10.5645, -28.5648

Inverse Universe

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



172.7750, 21.8029, 53.6943



174.4210, 28.8794, 70.6678



202.5280, -34.2773, 27.6009



110.3150, 2.3097, 5.8627



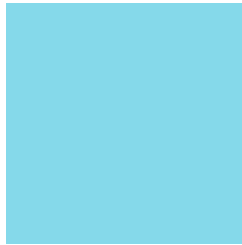
71.3330, 39.2758, 96.1780



21.2760, 11.6959, 28.6989

Previews

White Background



This preview shows how the YUV color 193.8220, 19.8078, -53.3409 looks on a white background.

Color Contrast Check

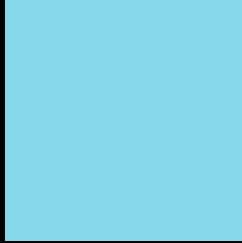
Large Text (above 18pt) WCAG AA × Fail

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 193.8220, 19.8078, -53.3409 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

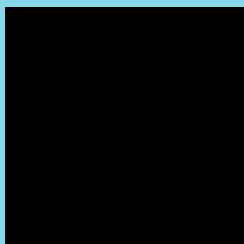
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

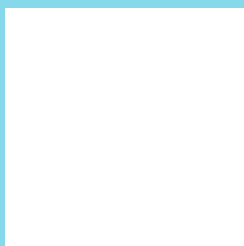
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 193.8220, 19.8078, -53.3409

Background



This preview shows how black text looks on a background with the YUV color 193.8220, 19.8078, -53.3409.



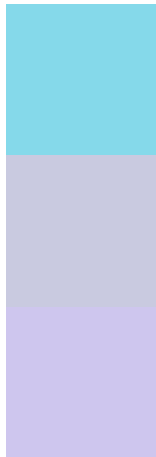
This preview shows how white text looks on a background with the YUV color 193.8220, 19.8078, -53.3409.

-53.3409.

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

193.8220, 19.8078, -53.3409

Protanopia

204.2090, 9.7570, -2.8143

Deuteranopia

204.9520, 16.2927, 0.9191



Tritanopia

193.8220, 19.8078, -53.3409

Trichromacy



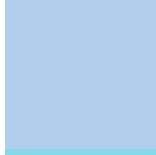
Original Color

193.8220, 19.8078, -53.3409



Protanomaly

200.1250, 13.7424, -21.1576



Deuteranomaly

200.8740, 17.8101, -19.1835



Tritanomaly

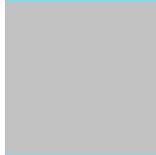
193.8220, 19.8078, -53.3409

Monochromacy



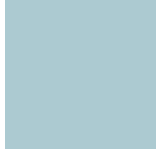
Original Color

193.8220, 19.8078, -53.3409



Achromatopsia

194.0000, 0.0000, 0.0000



Achromatomaly

193.8280, 7.4798, -19.1432

CSS Examples

Text

The CSS property to change the color of the text to YUV 193.8220, 19.8078, -53.3409 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(133, 217, 234)` looks like.

```
.text, #text, p{  
    color:rgb(133, 217, 234)  
}
```

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(133, 217, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 217, 234) }
```

Border

The CSS property to change the border of an element to YUV 193.8220, 19.8078, -53.3409 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(133, 217, 234) }
```


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

```
.border{ border-color:rgb(133, 217, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 217, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 217, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 217, 234);  
box-shadow:4px 4px 4px 4px rgb(133, 217,  
234) }
```

Background

The CSS property to change the background color of an element to YUV 193.8220, 19.8078, -53.3409 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 217, 234) }
```

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

```
.background{ background-color: rgb(133,  
217, 234) }
```

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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