

Converting Colors

YUV(198.0070, 19.2235,
-52.6261)

Have a look what the booklet for
YUV(198.0070, 19.2235, -52.6261)
contains.

YUV(198.0070, 19.2235, -52.6261)	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(198.0070, 19.2235,
-52.6261)**

Conversions

Conversions Part 1

Format	Color
Hex	8ADDED
RGB	138, 221, 237
RGB Percent	54%, 87%, 93%
CMY	0.4588, 0.1333, 0.0706
CMYK	0.42, 0.07, 0.00, 0.07
HSL	190°, 73%, 74%
HSV	190°, 42%, 93%
XYZ	51.6237, 63.2306, 89.6046
YIQ	198.0070, -54.6040, -12.6200

Conversions

Conversions Part 2

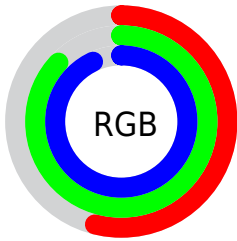
Format	Color
R _{YB}	138, 183, 237
Decimal	9100781
CIE _{Lab}	83.56, -21.20, -15.76
CIE _{LCh}	84, 26.419, 216.624
Yxy	63.2306, 0.2525, 0.3093
Android (android.graphics.Color)	4287290861 (0xFF8ADDED)
YUV	198.0070, 19.2235, -52.6261
Hunter-Lab	79.5177, -23.2718, -11.1487

Details

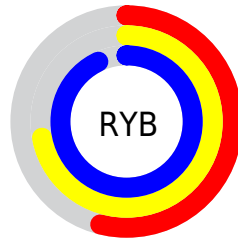
The YUV color **198.0070, 19.2235, -52.6261** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **176.9930, -19.2235, 52.6261**, and the grayscale version is **198.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **237.0600, 8.8444, -36.8866**, and **142.2950, 19.0816, -53.7557** is the 20% darker color. If you saturate the color by 10%, you get **188.4830, 23.9189, -65.3216**, and if you desaturate by 10%, it is **207.5310, 14.5282, -39.9307**.

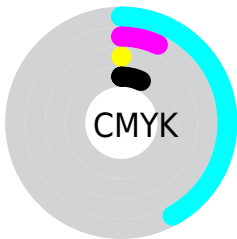
Distribution



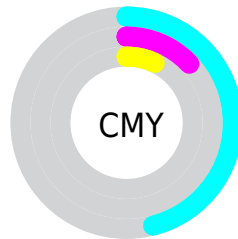
- Red (54%)
- Green (87%)
- Blue (93%)



- Red (54%)
- Yellow (72%)
- Blue (93%)



- Cyan (42%)
- Magenta (7%)
- Yellow (0%)
- Black (7%)



- Cyan (46%)
- Magenta (13%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YUV color 198.0070, 19.2235, -52.6261 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 198.0070, 19.2235, -52.6261 by changing the saturation by 10% instead.

■ 198.0070, 19.2235,
-52.6261

■ 198.0070, 19.2235,
-52.6261

■ 255.0000, 0.0000,
0.0000

■ 170.0070, 19.2235,
-52.6261

■ 237.0600, 8.8444,
-36.8866

■ 142.2950, 19.0816,
-53.7557

■ 246.0300, 4.4222,
-18.4433

■ 114.0990, 19.6712,
-56.2148

■ 82.7060, 22.3299,
-69.0252

■ 63.9850, 19.2344,
-56.1148

■ 47.1610, 15.6966,
-41.3602

■ 31.6250, 12.0169,

-27.7351

■ 16.9040, 8.9213,
-14.8248

■ 1.2540, 4.8048,
-1.0998

■ 198.0070, 19.2235,
-52.6261

■ 198.0070, 19.2235,
-52.6261

■ 188.4830, 23.9189,
-65.3216

■ 207.5310, 14.5282,
-39.9307

■ 179.2580, 28.4668,
-77.4023

■ 216.7560, 9.9803,
-27.8500

■ 170.3210, 32.8727,
-90.6125

■ 225.6930, 5.5744,
-14.6398

■ 160.7970, 37.5681,
-103.3080

■ 235.2170, 0.8790,
-1.9443

151.2730, 42.2634,
-116.0034

244.1430, -3.5215,
9.5216

143.8310, 45.9323,
-126.1398

246.4910, -4.6791,
7.4624

248.8390, -5.8366,
5.4032

251.1870, -6.9942,
3.3440

252.9480, -7.8624,
1.7996

Harmonies

Analogous

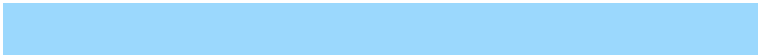
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



198.2390, 7.2772, -47.5676



198.0070, 19.2235, -52.6261



201.9790, 25.1534, -41.2006

Triad

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



198.0070, 19.2235, -52.6261



212.6520, 8.0596, 28.3692



206.3010, -23.3194, 12.8910

Complementary

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



198.0070, 19.2235, -52.6261



176.9930, -19.2235, 52.6261

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.



208.9380, -22.6474, 30.7494



198.0070, 19.2235, -52.6261



211.0310, -3.4663, 38.5608

Square

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



198.0070, 19.2235, -52.6261



211.1530, 18.1656, 6.8818



210.0560, -14.8176, 39.4159



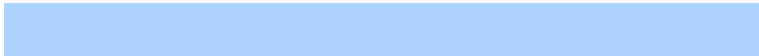
203.9500, -17.7233, -8.7261

Rectangle

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



198.0070, 19.2235, -52.6261



205.2520, 24.5258, -26.5310



210.0560, -14.8176, 39.4159



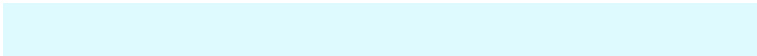
207.8180, -24.0673, 19.4536

Sweetspot

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



198.0070, 19.2235, -52.6261



242.1980, 6.3114, -17.7136



197.8230, -22.0977, -52.4648



119.3730, 4.2531, -10.8511



0.0000, 0.0000, 0.0000



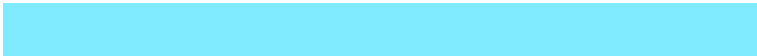
128.0000, 0.0000, 0.0000

Same Dimension

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



198.0070, 19.2235, -52.6261



204.7000, 24.7979, -67.2659



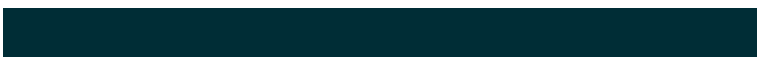
169.8310, 33.1143, -27.9158



112.5370, 2.2003, -5.7329



109.8580, 35.0730, -96.3455



32.5710, 10.5645, -28.5648

Inverse Universe

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



177.0630, 21.6609, 52.5647



178.0570, 27.5799, 67.4790



205.1690, -33.1143, 27.9158



110.3150, 2.3097, 5.8627



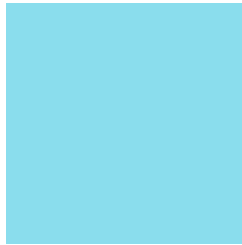
71.4470, 39.7126, 96.0780



21.2760, 11.6959, 28.6989

Previews

White Background



This preview shows how the YUV color 198.0070, 19.2235, -52.6261 looks on a white background.

Color Contrast Check

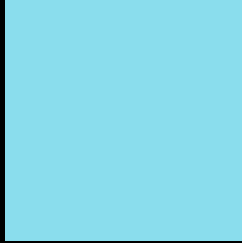
Large Text (above 18pt) WCAG AA × Fail

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 198.0070, 19.2235, -52.6261 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 198.0070, 19.2235, -52.6261 Background



This preview shows how black text looks on a background with the YUV color 198.0070, 19.2235, -52.6261.



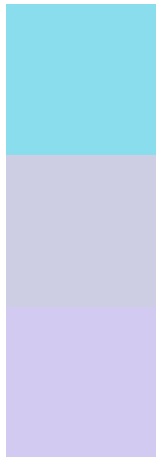
This preview shows how white text looks on a background with the YUV color 198.0070, 19.2235, -52.6261.

-52.6261.

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

198.0070, 19.2235, -52.6261

Protanopia

208.0950, 9.3202, -2.7143

Deuteranopia

209.1370, 15.7085, 1.6339



Tritanopia

198.2350, 20.0971, -52.8261

Trichromacy



Original Color

198.0070, 19.2235, -52.6261

Protanomaly

204.3100, 13.1582, -20.4429

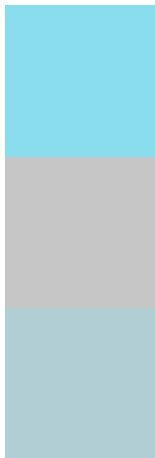
Deuteranomaly

205.0590, 17.2259, -18.4687

Tritanomaly

198.1210, 19.6603, -52.7261

Monochromacy



Original Color

198.0070, 19.2235, -52.6261

Achromatopsia

198.0000, 0.0000, 0.0000

Achromatomaly

197.7140, 7.0430, -19.0432

CSS Examples

Text

The CSS property to change the color of the text to YUV 198.0070, 19.2235, -52.6261 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(138, 221, 237)` looks like.

```
.text, #text, p{  
    color:rgb(138, 221, 237)  
}
```

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(138, 221, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 221, 237) }
```

Border

The CSS property to change the border of an element to YUV 198.0070, 19.2235, -52.6261 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(138, 221, 237) }
```


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

```
.border{ border-color:rgb(138, 221, 237) }
```

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

Here you see how a box with a 4 pixel rgb(138, 221, 237) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 221, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 221, 237);  
box-shadow:4px 4px 4px 4px rgb(138, 221,  
237) }
```

Background

The CSS property to change the background color of an element to YUV 198.0070, 19.2235, -52.6261 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 221, 237) }
```

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

```
.background{ background-color: rgb(138,  
221, 237) }
```

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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