

Converting Colors

YUV(198.0310, 19.7047,
-20.1982)

Have a look what the booklet for
YUV(198.0310, 19.7047, -20.1982)
contains.

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Color

**YUV(198.0310, 19.7047,
-20.1982)**

Conversions

Conversions Part 1

Format	Color
Hex	AFCAEE
RGB	175, 202, 238
RGB Percent	69%, 79%, 93%
CMY	0.3137, 0.2078, 0.0667
CMYK	0.26, 0.15, 0.00, 0.07
HSL	214°, 65%, 81%
HSV	214°, 26%, 93%
XYZ	54.2323, 57.5281, 89.1346
YIQ	198.0310, -27.6480, 5.4720

Conversions

Conversions Part 2

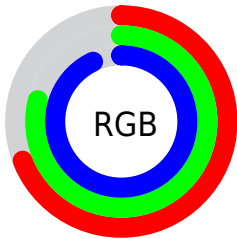
Format	Color
R_{YB}	175, 194, 238
Decimal	11520750
CIE _{Lab}	80.48, -1.13, -20.76
CIE _{LCh}	80, 20.787, 266.871
Yxy	57.5281, 0.2700, 0.2864
Android (android.graphics.Color)	4289710830 (0xFFAFC4EE)
YUV	198.0310, 19.7047, -20.1982
Hunter-Lab	75.8473, -5.1015, -16.5837

Details

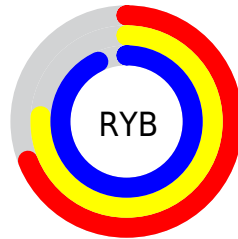
The YUV color $198.0310, 19.7047, -20.1982$ is a light color, and the websafe version is hex $99CCFF$. A complement of this color would be $214.9690, -19.7047, 20.1982$, and the grayscale version is $198.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $247.8240, 3.5378, -14.7546$, and $143.8030, 18.8311, -19.9982$ is the 20% darker color. If you saturate the color by 10%, you get $182.6370, 27.2940, -27.7456$, and if you desaturate by 10%, it is $213.4250, 12.1155, -12.6507$.

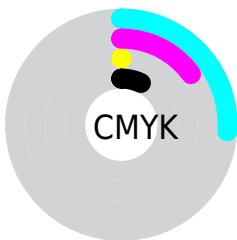
Distribution



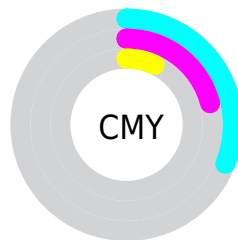
- Red (69%)
- Green (79%)
- Blue (93%)



- Red (69%)
- Yellow (76%)
- Blue (93%)



- Cyan (26%)
- Magenta (15%)
- Yellow (0%)
- Black (7%)



- Cyan (31%)
- Magenta (21%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YUV color 198.0310, 19.7047, -20.1982 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 198.0310, 19.7047, -20.1982 by changing the saturation by 10% instead.

■ 198.0310, 19.7047,
-20.1982

■ 198.0310, 19.7047,
-20.1982

255.0000, 0.0000,
0.0000

■ 170.9170, 19.2679,
-20.0982

■ 247.8240, 3.5378,
-14.7546

■ 143.8030, 18.8311,
-19.9982

■ 117.6890, 18.3943,
-19.8983

■ 93.1620, 17.6681,
-20.3131

■ 68.7490, 17.3787,
-20.8279

■ 44.4390, 17.5316,
-23.1870

■ 24.1080, 16.2158,

-21.1427

■ 6.9250, 13.8410,
-6.0732

■ 1.2540, 4.8048,
-1.0998

■ 198.0310, 19.7047,
-20.1982

■ 198.0310, 19.7047,
-20.1982

■ 182.6370, 27.2940,
-27.7456

■ 213.4250, 12.1155,
-12.6507

■ 167.8300, 34.5938,
-35.8079

■ 228.2320, 4.8156,
-4.5885

■ 152.7350, 42.0356,
-42.7406

■ 243.3270, -2.6262,
2.3442

■ 137.9280, 49.3355,
-50.8029

■ 253.0620, -7.4256,
1.6996

■ 122.5340, 56.9247,
-58.3503

■ 107.1400, 64.5140,
-65.8978

■ 92.3330, 71.8138,
-73.9600

■ 87.0060, 74.4400,
-76.3043

Harmonies

Analogous

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



194.0030, 18.7325, -35.0826



198.0310, 19.7047, -20.1982



201.2400, 16.1507, -0.2105

Triad

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



198.0310, 19.7047, -20.1982



202.3910, -9.5598, 32.9831



194.4140, -8.0921, -17.9031

Complementary

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



198.0310, 19.7047, -20.1982



214.9690, -19.7047, 20.1982

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.



197.1620, -15.8559, -1.0191



198.0310, 19.7047, -20.1982



200.9360, -16.2374, 28.1201

Square

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



198.0310, 19.7047, -20.1982



203.0730, -0.5290, 29.7540



199.4630, -18.9623, 15.3799



192.6600, 2.1396, -33.0278

Rectangle

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



198.0310, 19.7047, -20.1982



202.4650, 11.6028, 11.8702



199.4630, -18.9623, 15.3799



195.3500, -11.0185, -12.5849

Sweetspot

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



198.0310, 19.7047, -20.1982



241.9760, 6.4208, -6.1180



216.0850, -2.5069, -36.0315



119.4170, 4.2314, -3.8737



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.



198.0310, 19.7047, -20.1982



202.8930, 25.6888, -26.2162



183.3780, 26.9286, -3.8395



112.3030, 3.7946, -3.7737



67.3490, 57.5089, -59.0651



20.4720, 17.5153, -17.9539

Inverse Universe

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



196.9150, 2.5069, 36.0315



201.5080, 3.2006, 46.9125



229.6220, -26.9286, 3.8395



112.1580, 0.4151, 6.8774



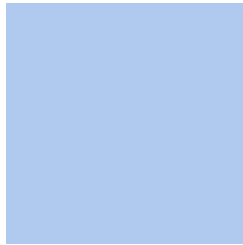
64.0220, 7.3842, 105.2207



19.4800, 2.2284, 32.0280

Previews

White Background



This preview shows how the YUV color 198.0310, 19.7047, -20.1982 looks on a white background.

Color Contrast Check

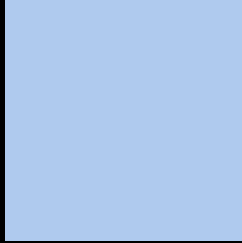
Large Text (above 18pt) WCAG AA × Fail

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 198.0310, 19.7047, -20.1982 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

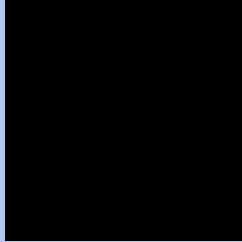
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

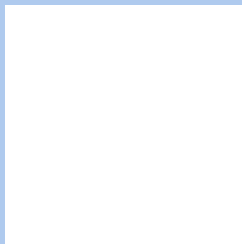
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 198.0310, 19.7047, -20.1982

Background



This preview shows how black text looks on a background with the YUV color 198.0310, 19.7047, -20.1982.



This preview shows how white text looks on a background with the YUV color 198.0310, 19.7047, -20.1982.

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

198.0310, 19.7047, -20.1982

Protanopia

200.4240, 17.0460, -7.3878

Deuteranopia

201.2120, 18.6295, -1.9399



Tritanopia

196.9570, 11.8532, -21.8873

Trichromacy



Original Color

198.0310, 19.7047, -20.1982

Protanomaly

199.3310, 18.0778, -11.6913

Deuteranomaly

200.2820, 19.0880, -9.0173

Tritanomaly

197.3530, 14.6160, -21.3576

Monochromacy



Original Color

198.0310, 19.7047, -20.1982

Achromatopsia

198.0000, 0.0000, 0.0000

Achromatomaly

197.9050, 7.4418, -6.9327

CSS Examples

Text

The CSS property to change the color of the text to YUV 198.0310, 19.7047, -20.1982 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(175, 202, 238)` looks like.

```
.text, #text, p{  
    color:rgb(175, 202, 238)  
}
```

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(175, 202, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 202, 238) }
```

Border

The CSS property to change the border of an element to YUV 198.0310, 19.7047, -20.1982 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

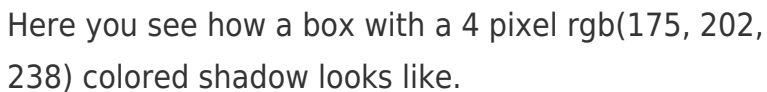
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(175, 202, 238) }
```


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

```
.border{ border-color:rgb(175, 202, 238) }
```

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



Here you see how a box with a 4 pixel `rgb(175, 202, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(175, 202, 238); -webkit-box-shadow:4px 4px 4px 4px rgb(175, 202, 238); box-shadow:4px 4px 4px 4px rgb(175, 202, 238) }
```

Background

The CSS property to change the background color of an element to YUV 198.0310, 19.7047, -20.1982 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 202, 238) }
```

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

```
.background{ background-color: rgb(175,  
202, 238) }
```

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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