

Converting Colors

YUV(197.9060, 19.2733,
-21.8426)

Have a look what the booklet for
YUV(197.9060, 19.2733, -21.8426)
contains.

YUV(197.9060, 19.2733, -21.8426)	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(197.9060, 19.2733,
-21.8426)**

Conversions

Conversions Part 1

Format	Color
Hex	ADCBED
RGB	173, 203, 237
RGB Percent	68%, 80%, 93%
CMY	0.3216, 0.2039, 0.0706
CMYK	0.27, 0.14, 0.00, 0.07
HSL	212°, 64%, 80%
HSV	212°, 27%, 93%
XYZ	53.8756, 57.7105, 88.4205
YIQ	197.9060, -28.7940, 4.2140

Conversions

Conversions Part 2

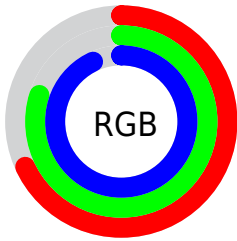
Format	Color
R _{YB}	173, 193, 237
Decimal	11389933
CIE Lab	80.58, -2.49, -20.08
CIE LCh	81, 20.233, 262.944
Yxy	57.7105, 0.2694, 0.2885
Android (android.graphics.Color)	4289580013 (0xFFADCBED)
YUV	197.9060, 19.2733, -21.8426
Hunter-Lab	75.9674, -6.3521, -15.8319

Details

The YUV color **197.9060, 19.2733, -21.8426** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **212.0940, -19.2733, 21.8426**, and the grayscale version is **198.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **247.2260, 3.8326, -15.9842**, and **143.6780, 18.3997, -21.6426** is the 20% darker color. If you saturate the color by 10%, you get **183.0990, 26.5732, -29.9048**, and if you desaturate by 10%, it is **212.7130, 11.9735, -13.7803**.

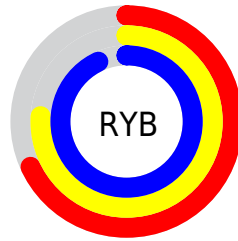
Distribution



Red (68%)

Green (80%)

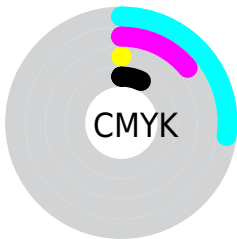
Blue (93%)



Red (68%)

Yellow (76%)

Blue (93%)

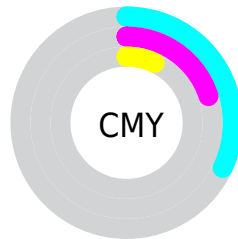


Cyan (27%)

Magenta (14%)

Yellow (0%)

Black (7%)



Cyan (32%)

Magenta (20%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YUV color 197.9060, 19.2733, -21.8426 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 197.9060, 19.2733, -21.8426 by changing the saturation by 10% instead.

■ 197.9060, 19.2733,
-21.8426

■ 197.9060, 19.2733,
-21.8426

255.0000, 0.0000,
0.0000

■ 170.7920, 18.8365,
-21.7426

■ 247.2260, 3.8326,
-15.9842

■ 143.6780, 18.3997,
-21.6426

■ 117.5640, 17.9629,
-21.5426

■ 92.4500, 17.5261,
-21.4427

■ 68.6240, 16.9474,
-22.4722

■ 44.0150, 17.2476,
-25.4462

■ 24.5810, 15.4896,

-21.5575

■ 7.5120, 13.5516,
-6.5880

■ 1.0260, 3.9312,
-0.8998

■ 197.9060, 19.2733,
-21.8426

■ 197.9060, 19.2733,
-21.8426

■ 183.0990, 26.5732,
-29.9048

■ 212.7130, 11.9735,
-13.7803

■ 169.1780, 33.4362,
-37.8671

■ 226.6340, 5.1104,
-5.8180

■ 154.3710, 40.7361,
-45.9294

■ 241.4410, -2.1894,
2.2442

■ 140.1510, 47.7466,
-54.5064

■ 251.7740, -7.2836,
2.8292

■ 125.6430, 54.8990,
-61.9539

■ 252.9480, -7.8624,
1.7996

■ 110.8360, 62.1989,
-70.0162

■ 96.6160, 69.2093,
-78.5932

■ 92.1750, 71.3987,
-80.8375

Harmonies

Analogous

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



194.2480, 17.1327, -35.2975



197.9060, 19.2733, -21.8426



201.6310, 16.4509, -3.1844

Triad

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



197.9060, 19.2733, -21.8426



202.7330, -8.2494, 32.6832



195.1970, -8.9711, -15.9588

Complementary

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



197.9060, 19.2733, -21.8426



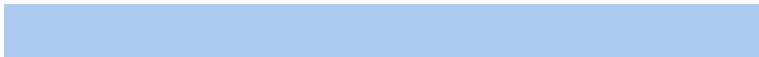
212.0940, -19.2733, 21.8426

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.



197.4720, -16.0087, 1.3401



197.9060, 19.2733, -21.8426



201.5770, -15.0745, 28.4350

Square

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



197.9060, 19.2733, -21.8426



203.4040, 0.7868, 27.7097



199.7020, -18.0941, 16.9243



193.6280, 0.6764, -30.3688

Rectangle

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



197.9060, 19.2733, -21.8426



202.3830, 12.6292, 9.3111



199.7020, -18.0941, 16.9243



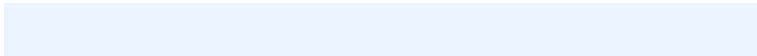
196.4320, -12.0450, -10.0259

Sweetspot

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



197.9060, 19.2733, -21.8426



242.5630, 6.1314, -6.6328



214.3300, -4.1067, -36.2464



120.0040, 3.9420, -4.3885



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.



197.9060, 19.2733, -21.8426



205.2410, 24.5312, -28.2754



180.5950, 27.8077, -5.7838



110.1890, 3.3578, -3.6738



70.5290, 54.4622, -61.8539



20.8310, 16.3523, -18.2688

Inverse Universe

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



195.5560, 3.6699, 36.3464



201.9640, 4.9477, 46.5126



229.4050, -27.8077, 5.7838



109.8590, 0.5625, 6.2627



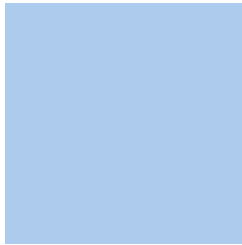
63.8090, 10.4472, 102.7765



18.9960, 2.9600, 30.6985

Previews

White Background



This preview shows how the YUV color 197.9060, 19.2733, -21.8426 looks on a white background.

Color Contrast Check

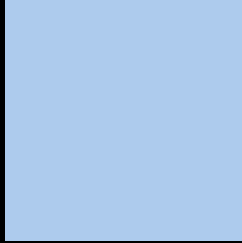
Large Text (above 18pt) WCAG AA × Fail

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 197.9060, 19.2733, -21.8426 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

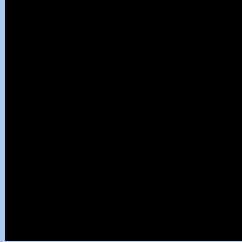
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

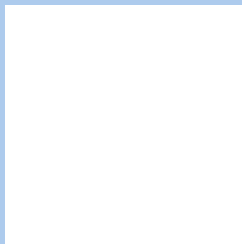
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 197.9060, 19.2733, -21.8426

Background



This preview shows how black text looks on a background with the YUV color 197.9060, 19.2733, -21.8426.



This preview shows how white text looks on a background with the YUV color 197.9060, 19.2733, -21.8426.

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

197.9060, 19.2733, -21.8426

Protanopia

200.6090, 16.4618, -6.6731

Deuteranopia

201.5110, 18.4821, -1.3251



Tritanopia

197.0600, 12.2954, -23.7316

Trichromacy



Original Color

197.9060, 19.2733, -21.8426

Protanomaly

199.8040, 17.3516, -12.1061

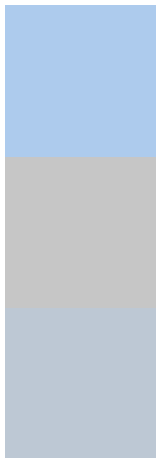
Deuteranomaly

200.1680, 18.6512, -8.9173

Tritanomaly

197.3420, 14.6214, -23.1019

Monochromacy



Original Color

197.9060, 19.2733, -21.8426

Achromatopsia

198.0000, 0.0000, 0.0000

Achromatomaly

198.0790, 6.8631, -7.9623

CSS Examples

Text

The CSS property to change the color of the text to YUV 197.9060, 19.2733, -21.8426 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(173, 203, 237)` looks like.

```
.text, #text, p{  
    color:rgb(173, 203, 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(173, 203, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 203, 237) }
```

Border

The CSS property to change the border of an element to YUV 197.9060, 19.2733, -21.8426 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(173, 203, 237) }
```


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

```
.border{ border-color:rgb(173, 203, 237) }
```

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

Here you see how a box with a 4 pixel rgb(173, 203, 237) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 203, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 203, 237);  
box-shadow:4px 4px 4px 4px rgb(173, 203,  
237) }
```

Background

The CSS property to change the background color of an element to YUV 197.9060, 19.2733, -21.8426 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 203, 237) }
```

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

```
.background{ background-color: rgb(173,  
203, 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](#).

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