

Converting Colors

YUV(169.6720, 20.8677,
-19.8833)

Have a look what the booklet for
YUV(169.6720, 20.8677, -19.8833)
contains.

YUV(169.6720, 20.8677, -19.8833)	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(169.6720, 20.8677,
-19.8833)**

Conversions

Conversions Part 1

Format	Color
Hex	93ADD4
RGB	147, 173, 212
RGB Percent	58%, 68%, 83%
CMY	0.4235, 0.3216, 0.1686
CMYK	0.31, 0.18, 0.00, 0.17
HSL	216°, 43%, 70%
HSV	216°, 31%, 83%
XYZ	38.8599, 40.8437, 68.1228
YIQ	169.6720, -28.0150, 6.6170

Conversions

Conversions Part 2

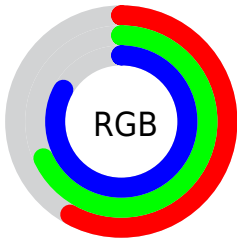
Format	Color
R _{YB}	147, 166, 212
Decimal	9678292
CIE _{Lab}	70.07, 0.12, -22.67
CIE _{LCh}	70, 22.667, 270.315
Y _{xy}	40.8437, 0.2629, 0.2763
Android (android.graphics.Color)	4287868372 (0xFF93ADD4)
YUV	169.6720, 20.8677, -19.8833
Hunter-Lab	63.9090, -3.3040, -18.4629

Details

The YUV color **169.6720, 20.8677, -19.8833** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **189.3280, -20.8677, 19.8833**, and the grayscale version is **169.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **223.3040, 15.6261, -18.6836**, and **117.0310, 19.7047, -20.1982** is the 20% darker color. If you saturate the color by 10%, you get **155.7620, 27.7253, -26.1013**, and if you desaturate by 10%, it is **183.5820, 14.0101, -13.6654**.

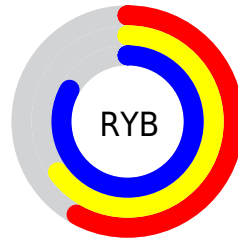
Distribution



Red (58%)

Green (68%)

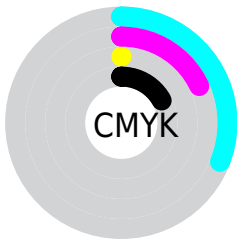
Blue (83%)



Red (58%)

Yellow (65%)

Blue (83%)

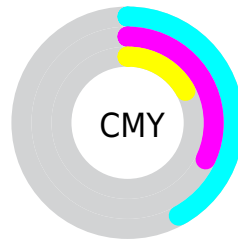


Cyan (31%)

Magenta (18%)

Yellow (0%)

Black (17%)



Cyan (42%)

Magenta (32%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the YUV color 169.6720, 20.8677, -19.8833 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 169.6720, 20.8677, -19.8833 by changing the saturation by 10% instead.

■ 169.6720, 20.8677,
-19.8833

■ 169.6720, 20.8677,
-19.8833

255.0000, 0.0000,
0.0000

■ 142.5580, 20.4309,
-19.7834

■ 223.3040, 15.6261,
-18.6836

■ 117.0310, 19.7047,
-20.1982

■ 247.8240, 3.5378,
-14.7546

■ 91.9170, 19.2679,
-20.0982

■ 67.5040, 18.9785,
-20.6130

■ 43.4820, 18.9894,
-24.1017

■ 23.6350, 16.9419,
-20.7279

■ 5.9790, 15.2934,

-5.2436

■ 2.0690, 5.3890,
-1.8145

■ 0.0000, 0.0000,
0.0000

■ 169.6720, 20.8677,
-19.8833

■ 169.6720, 20.8677,
-19.8833

■ 155.7620, 27.7253,
-26.1013

■ 183.5820, 14.0101,
-13.6654

■ 142.4390, 34.2936,
-32.8340

■ 196.9050, 7.4418,
-6.9327

■ 128.2300, 41.2986,
-39.6667

■ 211.1140, 0.4368,
-0.1000

■ 114.3200, 48.1562,
-45.8846

■ 225.0240, -6.4208,
6.1180

■ 100.4100, 55.0139,
-52.1026

■ 238.9340,
-13.2785, 12.3359

■ 87.0870, 61.5821,
-58.8353

■ 246.5760,
-17.0460, 7.3878

■ 74.0630, 68.0029,
-64.9533

■ 250.0980,
-18.7823, 4.2991

Harmonies

Analogous

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



165.3340, 20.0483, -37.1269



169.6720, 20.8677, -19.8833



173.3650, 16.5821, 1.4339

Triad

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



169.6720, 20.8677, -19.8833



173.6470, -11.1650, 34.5126



165.5060, -7.6445, -21.4918

Complementary

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



169.6720, 20.8677, -19.8833



189.3280, -20.8677, 19.8833

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.



167.7380, -16.1398, -3.2782



169.6720, 20.8677, -19.8833



172.1810, -17.8372, 27.9053

Square

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



169.6720, 20.8677, -19.8833



174.8560, -1.4080, 31.6983



170.5230, -19.9778, 14.4503



163.0940, 3.8977, -36.9164

Rectangle

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



169.6720, 20.8677, -19.8833



174.1880, 11.7393, 14.7441



170.5230, -19.9778, 14.4503



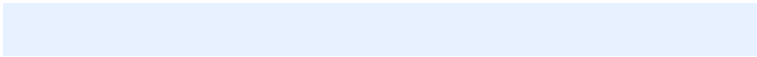
166.3280, -11.0077, -16.0737

Sweetspot

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



169.6720, 20.8677, -19.8833



239.9050, 7.4418, -6.9327



189.6010, -1.7753, -37.3611



118.2320, 4.8156, -4.5885



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.



169.6720, 20.8677, -19.8833



193.4350, 30.3515, -28.4455



155.9050, 27.6548, -3.4247



100.1890, 3.3578, -3.6738



59.4100, 55.0139, -52.1026



14.8810, 13.8627, -13.0506

Inverse Universe

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



169.3990, 1.7753, 37.3611



193.3240, 2.3053, 54.0899



202.7960, -27.5074, 2.8099



99.8590, 0.5625, 6.2627



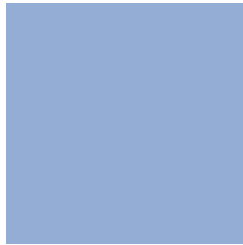
58.8810, 4.4957, 98.3284



14.7950, 1.0871, 24.7358

Previews

White Background



This preview shows how the YUV color 169.6720, 20.8677, -19.8833 looks on a white background.

Color Contrast Check

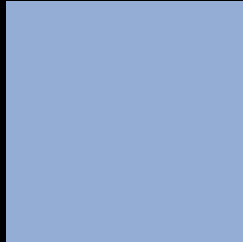
Large Text (above 18pt) WCAG AA × Fail

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 169.6720, 20.8677, -19.8833 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

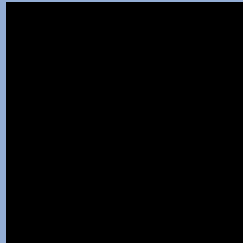
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

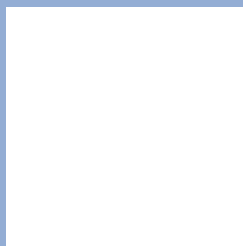
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 169.6720, 20.8677, -19.8833

Background



This preview shows how black text looks on a background with the YUV color 169.6720, 20.8677, -19.8833.



This preview shows how white text looks on a background with the YUV color 169.6720, 20.8677, -19.8833.

-19.8833.

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

169.6720, 20.8677, -19.8833

Protanopia

171.4670, 18.5038, -8.3026

Deuteranopia

171.9450, 20.2401, -5.2138



Tritanopia

168.1310, 11.2744, -22.9169

Trichromacy



Original Color

169.6720, 20.8677, -19.8833

Protanomaly

170.6730, 19.3882, -11.9912

Deuteranomaly

171.0260, 20.6932, -10.5468

Tritanomaly

169.0540, 14.7634, -21.9724

Monochromacy



Original Color

169.6720, 20.8677, -19.8833

Achromatopsia

170.0000, 0.0000, 0.0000

Achromatomaly

169.9050, 7.4418, -6.9327

CSS Examples

Text

The CSS property to change the color of the text to YUV 169.6720, 20.8677, -19.8833 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(147, 173, 212)` looks like.

```
.text, #text, p{  
    color:rgb(147, 173, 212)  
}
```

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(147, 173, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 173, 212) }
```

Border

The CSS property to change the border of an element to YUV 169.6720, 20.8677, -19.8833 is called "border".

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

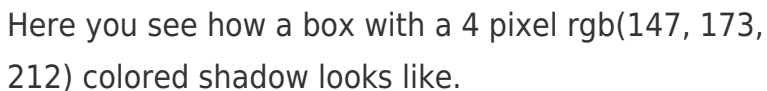
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(147, 173, 212) }
```


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

```
.border{ border-color:rgb(147, 173, 212) }
```

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



Here you see how a box with a 4 pixel `rgb(147, 173, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 173, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 173, 212);  
box-shadow:4px 4px 4px 4px rgb(147, 173,  
212) }
```

Background

The CSS property to change the background color of an element to YUV 169.6720, 20.8677, -19.8833 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 173, 212) }
```

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

```
.background{ background-color: rgb(147,  
173, 212) }
```

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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