

Converting Colors

YUV(199.3670, 20.0321,
-31.8939)

Have a look what the booklet for
YUV(199.3670, 20.0321, -31.8939)
contains.

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Color

**YUV(199.3670, 20.0321,
-31.8939)**

Conversions

Conversions Part 1

Format	Color
Hex	A3D2F0
RGB	163, 210, 240
RGB Percent	64%, 82%, 94%
CMY	0.3608, 0.1765, 0.0588
CMYK	0.32, 0.13, 0.00, 0.06
HSL	203°, 72%, 79%
HSV	203°, 32%, 94%
XYZ	53.8790, 60.1710, 91.2125
YIQ	199.3670, -37.6420, -0.6340

Conversions

Conversions Part 2

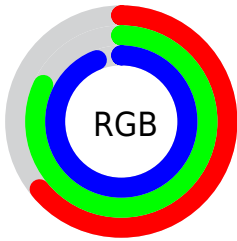
Format	Color
RYB	163, 192, 240
Decimal	10736368
CIELab	81.93, -8.31, -19.69
CIElCh	82, 21.371, 247.117
Yxy	60.1710, 0.2625, 0.2931
Android (android.graphics.Color)	4288926448 (0xFFA3D2F0)
YUV	199.3670, 20.0321, -31.8939
Hunter-Lab	77.5700, -11.7638, -15.4186

Details

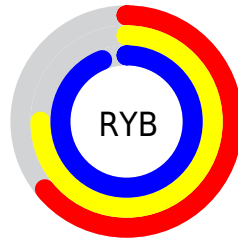
The YUV color **199.3670, 20.0321, -31.8939** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **203.6330, -20.0321, 31.8939**, and the grayscale version is **199.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **244.5350, 5.1592, -21.5172**, and **145.1390, 19.1585, -31.6939** is the 20% darker color. If you saturate the color by 10%, you get **186.9080, 26.1744, -42.0153**, and if you desaturate by 10%, it is **211.8260, 13.8898, -21.7724**.

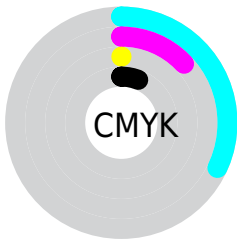
Distribution



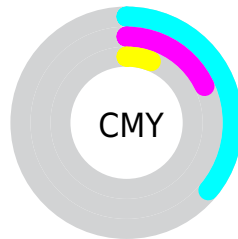
- Red (64%)
- Green (82%)
- Blue (94%)



- Red (64%)
- Yellow (75%)
- Blue (94%)



- Cyan (32%)
- Magenta (13%)
- Yellow (0%)
- Black (6%)



- Cyan (36%)
- Magenta (18%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the YUV color 199.3670, 20.0321, -31.8939 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 199.3670, 20.0321, -31.8939 by changing the saturation by 10% instead.

■ 199.3670, 20.0321,
-31.8939

■ 199.3670, 20.0321,
-31.8939

255.0000, 0.0000,
0.0000

■ 171.6660, 19.8847,
-31.2791

■ 244.5350, 5.1592,
-21.5172

■ 145.1390, 19.1585,
-31.6939

■ 253.2060, 0.8844,
-3.6887

■ 118.7260, 18.8691,
-32.2087

■ 92.7260, 18.8691,
-32.2087

■ 67.1170, 19.1693,
-35.1826

■ 42.6930, 18.8854,
-37.4418

■ 27.7440, 14.9162,

-24.3315

■ 13.0230, 11.8207,
-11.4212

■ 2.1830, 5.8258,
-1.9145

■ 199.3670, 20.0321,
-31.8939

■ 199.3670, 20.0321,
-31.8939

■ 186.9080, 26.1744,
-42.0153

■ 211.8260, 13.8898,
-21.7724

■ 173.8620, 32.6060,
-51.6220

■ 224.8720, 7.4581,
-12.1657

■ 161.4030, 38.7483,
-61.7434

■ 237.3310, 1.3158,
-2.0443

■ 148.9440, 44.8906,
-71.8649

■ 248.5940, -4.2368,
5.6181

■ 135.8980, 51.3223,
-81.4715

■ 253.2900, -6.5520,
1.4997

■ 123.4390, 57.4646,
-91.5930

■ 113.0620, 62.5804,
-99.1554

Harmonies

Analogous

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



196.3460, 15.1124, -40.6454



199.3670, 20.0321, -31.8939



203.3630, 19.5410, -14.3504

Triad

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



199.3670, 20.0321, -31.8939



207.5850, -3.7394, 32.8130



200.1720, -14.3818, -7.1668

Complementary

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



199.3670, 20.0321, -31.8939



203.6330, -20.0321, 31.8939

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.



202.4300, -18.9460, 10.1469



199.3670, 20.0321, -31.8939



206.1800, -12.9067, 33.1681

Square

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



199.3670, 20.0321, -31.8939



207.7500, 6.0393, 23.0212



204.3440, -18.4106, 25.1313



197.8800, -4.8708, -24.4508

Rectangle

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



199.3670, 20.0321, -31.8939



205.3540, 16.5875, -0.3105



204.3440, -18.4106, 25.1313



201.0480, -16.2927, -0.9191

Sweetspot

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



199.3670, 20.0321, -31.8939



241.6550, 6.5791, -10.2214



211.6190, -9.1792, -42.6389



119.6940, 4.0949, -6.7476



0.0000, 0.0000, 0.0000



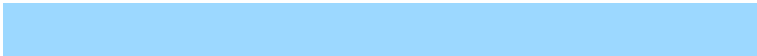
128.0000, 0.0000, 0.0000

Same Dimension

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



199.3670, 20.0321, -31.8939



202.5060, 25.8795, -40.7858



177.0610, 31.0289, -12.3315



113.4770, 3.2158, -4.8033



86.7200, 47.9590, -76.0534



26.3420, 14.6214, -23.1019

Inverse Universe

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



191.3810, 9.1792, 42.6389



192.4410, 11.6146, 54.8642



225.9390, -31.0289, 12.3315



112.3860, 1.2887, 6.6775



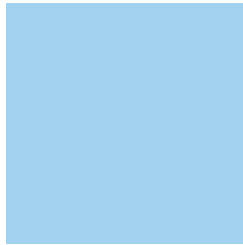
67.7840, 21.7985, 101.9214



20.6200, 6.5963, 31.0283

Previews

White Background



This preview shows how the YUV color 199.3670, 20.0321, -31.8939 looks on a white background.

Color Contrast Check

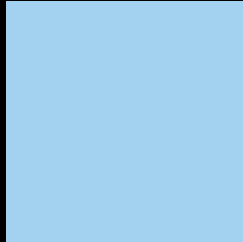
Large Text (above 18pt) WCAG AA × Fail

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 199.3670, 20.0321, -31.8939 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

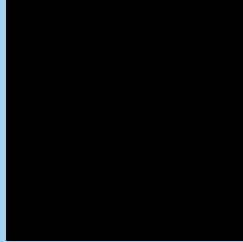
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 199.3670, 20.0321, -31.8939

Background



This preview shows how black text looks on a background with the YUV color 199.3670, 20.0321, -31.8939.



This preview shows how white text looks on a background with the YUV color 199.3670, 20.0321, -31.8939.

-31.8939.

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

199.3670, 20.0321, -31.8939

Protanopia

203.5660, 15.0040, -5.7584

Deuteranopia

205.3970, 18.0453, -1.2252



Tritanopia

198.3900, 15.0907, -33.6680

Trichromacy



Original Color

199.3670, 20.0321, -31.8939

Protanomaly

201.9670, 16.7783, -14.8801

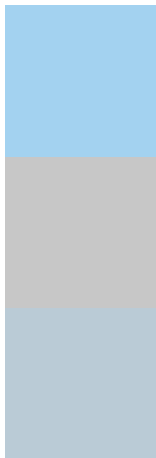
Deuteranomaly

203.1460, 18.6620, -12.4060

Tritanomaly

198.5580, 16.9799, -32.9384

Monochromacy



Original Color

199.3670, 20.0321, -31.8939

Achromatopsia

199.0000, 0.0000, 0.0000

Achromatomaly

199.1710, 7.3107, -11.5510

CSS Examples

Text

The CSS property to change the color of the text to YUV 199.3670, 20.0321, -31.8939 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(163, 210, 240)` looks like.

```
.text, #text, p{  
    color:rgb(163, 210, 240)  
}
```

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(163, 210, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 210, 240) }
```

Border

The CSS property to change the border of an element to YUV 199.3670, 20.0321, -31.8939 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(163, 210, 240) }
```


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

```
.border{ border-color:rgb(163, 210, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 210, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 210, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 210, 240);  
box-shadow:4px 4px 4px 4px rgb(163, 210,  
240) }
```

Background

The CSS property to change the background color of an element to YUV 199.3670, 20.0321, -31.8939 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 210, 240) }
```

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

```
.background{ background-color: rgb(163,  
210, 240) }
```

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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