

Converting Colors

YUV(171.7320, 19.8521,
-20.8130)

Have a look what the booklet for
YUV(171.7320, 19.8521, -20.8130)
contains.

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Color

**YUV(171.7320, 19.8521,
-20.8130)**

Conversions

Conversions Part 1

Format	Color
Hex	94B0D4
RGB	148, 176, 212
RGB Percent	58%, 69%, 83%
CMY	0.4196, 0.3098, 0.1686
CMYK	0.30, 0.17, 0.00, 0.17
HSL	214°, 43%, 71%
HSV	214°, 30%, 83%
XYZ	39.6217, 42.1000, 68.3252
YIQ	171.7320, -28.2440, 5.2600

Conversions

Conversions Part 2

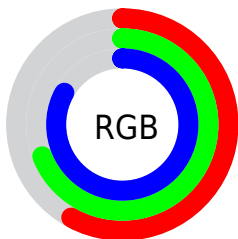
Format	Color
RYB	148, 167, 212
Decimal	9744596
CIELab	70.94, -1.23, -21.33
CIELCh	71, 21.365, 266.697
Yxy	42.1000, 0.2641, 0.2806
Android (android.graphics.Color)	4287934676 (0xFF94B0D4)
YUV	171.7320, 19.8521, -20.8130
Hunter-Lab	64.8845, -4.5469, -17.0148

Details

The YUV color **171.7320, 19.8521, -20.8130** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **188.2680, -19.8521, 20.8130**, and the grayscale version is **172.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **225.9510, 14.3212, -20.1280**, and **119.0910, 18.6891, -21.1278** is the 20% darker color. If you saturate the color by 10%, you get **158.4090, 26.4204, -27.5457**, and if you desaturate by 10%, it is **185.0550, 13.2839, -14.0802**.

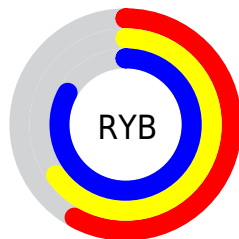
Distribution



Red (58%)

Green (69%)

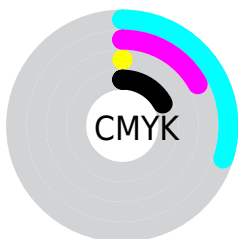
Blue (83%)



Red (58%)

Yellow (65%)

Blue (83%)

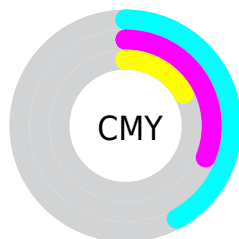


Cyan (30%)

Magenta (17%)

Yellow (0%)

Black (17%)



Cyan (42%)

Magenta (31%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the YUV color 171.7320, 19.8521, -20.8130 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 171.7320, 19.8521, -20.8130 by changing the saturation by 10% instead.

■ 171.7320, 19.8521,
-20.8130

■ 171.7320, 19.8521,
-20.8130

255.0000, 0.0000,
0.0000

■ 144.6180, 19.4153,
-20.7130

■ 225.9510, 14.3212,
-20.1280

■ 119.0910, 18.6891,
-21.1278

■ 248.1230, 3.3904,
-14.1399

■ 93.9770, 18.2523,
-21.0278

■ 69.5640, 17.9629,
-21.5426

■ 45.8410, 17.8264,
-24.4166

■ 25.3960, 16.0738,
-22.2723

■ 8.3270, 14.1358,

-7.3028

■ 2.1830, 5.8258,
-1.9145

■ 0.0000, 0.0000,
0.0000

■ 171.7320, 19.8521,
-20.8130

■ 171.7320, 19.8521,
-20.8130

■ 158.4090, 26.4204,
-27.5457

■ 185.0550, 13.2839,
-14.0802

■ 145.0860, 32.9886,
-34.2784

■ 198.3780, 6.7156,
-7.3475

■ 131.4640, 39.7042,
-41.6259

■ 212.0000, 0.0000,
0.0000

■ 118.1410, 46.2725,
-48.3587

■ 225.3230, -6.5682,
6.7327

■ 104.8180, 52.8407,
-55.0914

■ 238.6460,
-13.1365, 13.4655

■ 91.4950, 59.4090,
-61.8241

■ 245.9890,
-16.7566, 7.9026

■ 78.7590, 65.6878,
-69.0716

■ 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.



167.5900, 18.4431, -35.5974



171.7320, 19.8521, -20.8130



174.9410, 16.2981, -0.8253

Triad

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



171.7320, 19.8521, -20.8130



176.3910, -9.5598, 32.9831



168.1150, -7.9447, -18.5179

Complementary

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



171.7320, 19.8521, -20.8130



188.2680, -19.8521, 20.8130

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.



171.1620, -15.8559, -1.0191



171.7320, 19.8521, -20.8130



174.6370, -16.0900, 27.5054

Square

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



171.7320, 19.8521, -20.8130



177.1870, -0.0922, 29.6540



173.4630, -18.9623, 15.3799



166.3610, 2.2870, -33.6426

Rectangle

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



171.7320, 19.8521, -20.8130



176.4650, 11.6028, 11.8702



173.4630, -18.9623, 15.3799



169.3500, -11.0185, -12.5849

Sweetspot

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



171.7320, 19.8521, -20.8130



240.4920, 7.1524, -7.4475



189.5580, -3.2331, -36.4464



118.8190, 4.5262, -5.1033



0.0000, 0.0000, 0.0000



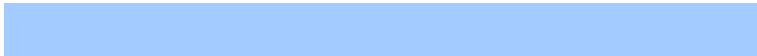
128.0000, 0.0000, 0.0000

Same Dimension

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



171.7320, 19.8521, -20.8130



196.9680, 28.6098, -29.7899



156.1930, 27.5129, -4.5543



100.1890, 3.3578, -3.6738



63.5190, 52.9881, -55.7062



16.0550, 13.2839, -14.0802

Inverse Universe

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



170.3280, 2.7963, 36.5463



195.0680, 3.9105, 52.5604



203.8070, -27.5129, 4.5543



99.8590, 0.5625, 6.2627



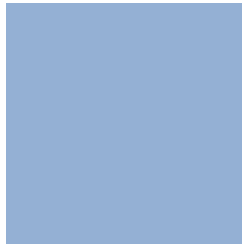
59.6790, 7.5533, 97.6285



15.0230, 1.9607, 24.5358

Previews

White Background



This preview shows how the YUV color 171.7320, 19.8521, -20.8130 looks on a white background.

Color Contrast Check

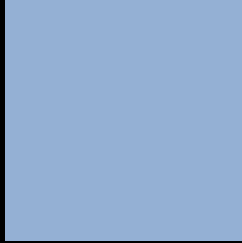
Large Text (above 18pt) WCAG AA × Fail

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 171.7320, 19.8521, -20.8130 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

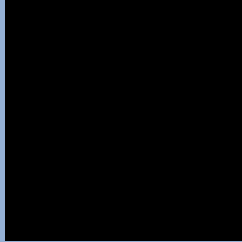
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

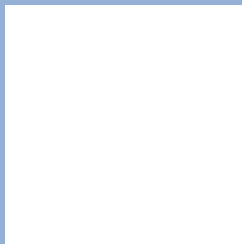
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 171.7320, 19.8521, -20.8130

Background



This preview shows how black text looks on a background with the YUV color 171.7320, 19.8521, -20.8130.



This preview shows how white text looks on a background with the YUV color 171.7320, 19.8521, -20.8130.

-20.8130.

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

171.7320, 19.8521, -20.8130

Protanopia

174.1250, 17.1934, -8.0026

Deuteranopia

174.9020, 18.7823, -4.2991



Tritanopia

170.2450, 11.7112, -23.0169

Trichromacy



Original Color

171.7320, 19.8521, -20.8130

Protanomaly

173.0320, 18.2252, -12.3061

Deuteranomaly

173.6840, 19.3828, -10.2469

Tritanomaly

170.7550, 14.9108, -22.5871

Monochromacy



Original Color

171.7320, 19.8521, -20.8130

Achromatopsia

172.0000, 0.0000, 0.0000

Achromatomaly

171.6060, 7.5892, -7.5475

CSS Examples

Text

The CSS property to change the color of the text to YUV 171.7320, 19.8521, -20.8130 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(148, 176, 212)` looks like.

```
.text, #text, p{  
    color:rgb(148, 176, 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(148, 176, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 176, 212) }
```

Border

The CSS property to change the border of an element to YUV 171.7320, 19.8521, -20.8130 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(148, 176, 212) }
```


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

```
.border{ border-color:rgb(148, 176, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 176, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 176, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 176, 212);  
box-shadow:4px 4px 4px 4px rgb(148, 176,  
212) }
```

Background

The CSS property to change the background color of an element to YUV 171.7320, 19.8521, -20.8130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 176, 212) }
```

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

```
.background{ background-color: rgb(148,  
176, 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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