

Converting Colors

YUV(171.3230, 20.0538,
-38.8713)

Have a look what the booklet for
YUV(171.3230, 20.0538, -38.8713)
contains.

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Color

**YUV(171.3230, 20.0538,
-38.8713)**

Conversions

Conversions Part 1

Format	Color
Hex	7FBAD4
RGB	127, 186, 212
RGB Percent	50%, 73%, 83%
CMY	0.5020, 0.2706, 0.1686
CMYK	0.40, 0.12, 0.00, 0.17
HSL	198°, 50%, 66%
HSV	198°, 40%, 83%
XYZ	38.1950, 44.3833, 68.8411
YIQ	171.3230, -43.5100, -4.4220

Conversions

Conversions Part 2

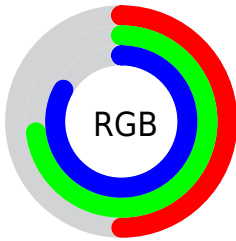
Format	Color
RYB	127, 162, 212
Decimal	8370900
CIELab	72.48, -12.43, -19.10
CIELCh	72, 22.784, 236.952
Yxy	44.3833, 0.2522, 0.2931
Android (android.graphics.Color)	4286560980 (0xFF7FBAD4)
YUV	171.3230, 20.0538, -38.8713
Hunter-Lab	66.6208, -14.2489, -14.6314

Details

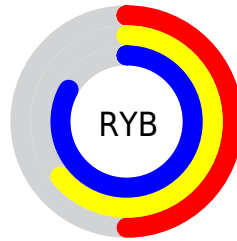
The YUV color $171.3230, 20.0538, -38.8713$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $167.6770, -20.0538, 38.8713$, and the grayscale version is $171.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $225.8410, 14.3754, -37.5716$, and $117.4970, 19.4750, -39.9009$ is the 20% darker color. If you saturate the color by 10%, you get $161.5220, 24.8857, -48.6928$, and if you desaturate by 10%, it is $181.1240, 15.2219, -29.0497$.

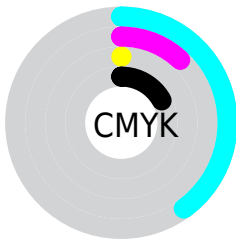
Distribution



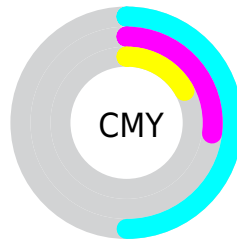
- Red (50%)
- Green (73%)
- Blue (83%)



- Red (50%)
- Yellow (64%)
- Blue (83%)



- Cyan (40%)
- Magenta (12%)
- Yellow (0%)
- Black (17%)



- Cyan (50%)
- Magenta (27%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the YUV color 171.3230, 20.0538, -38.8713 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 171.3230, 20.0538, -38.8713 by changing the saturation by 10% instead.

■ 171.3230, 20.0538,
-38.8713

■ 171.3230, 20.0538,
-38.8713

255.0000, 0.0000,
0.0000

■ 144.2090, 19.6170,
-38.7713

■ 225.8410, 14.3754,
-37.5716

■ 117.4970, 19.4750,
-39.9009

■ 241.8440, 6.4859,
-27.0502

■ 91.4860, 19.4804,
-41.6452

■ 250.8140, 2.0637,
-8.6069

■ 62.3000, 21.5441,
-50.2521

■ 44.5680, 18.4540,
-39.0861

■ 29.0320, 14.7742,
-25.4611

■ 14.7840, 10.9525,

-12.9656

■ 2.1830, 5.8258,
-1.9145

■ 0.0000, 0.0000,
0.0000

■ 171.3230, 20.0538,
-38.8713

■ 171.3230, 20.0538,
-38.8713

■ 161.5220, 24.8857,
-48.6928

■ 181.1240, 15.2219,
-29.0497

■ 151.1340, 30.0069,
-57.9995

■ 191.5120, 10.1006,
-19.7430

■ 141.0340, 34.9862,
-68.4358

■ 201.6120, 5.1213,
-9.3067

■ 130.6460, 40.1075,
-77.7425

■ 212.0000, 0.0000,
0.0000

■ 120.8450, 44.9394,
-87.5641

■ 221.8010, -4.8319,
9.8215

■ 110.4570, 50.0607,
-96.8708

■ 232.1890, -9.9532,
19.1282

■ 236.0100,
-11.8369, 16.6542

■ 240.1190,
-13.8627, 13.0506

■ 243.6410,
-15.5990, 9.9618

Harmonies

Analogous

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



168.8680, 13.3761, -43.7342



171.3230, 20.0538, -38.8713



175.4760, 21.4573, -22.3425

Triad

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



171.3230, 20.0538, -38.8713



181.4970, -0.2450, 32.0131



174.5210, -17.0189, -1.3339

Complementary

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



171.3230, 20.0538, -38.8713



167.6770, -20.0538, 38.8713

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.



177.4200, -20.4201, 16.2947



171.3230, 20.0538, -38.8713



180.5870, -10.1494, 35.4422

Square

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



171.3230, 20.0538, -38.8713



181.6400, 9.5445, 18.7327



179.0070, -17.2585, 28.9349



172.2890, -8.5235, -19.5475

Rectangle

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



171.3230, 20.0538, -38.8713



178.5810, 18.9406, -8.4025



179.0070, -17.2585, 28.9349



175.5110, -18.4929, 4.8139

Sweetspot

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



171.3230, 20.0538, -38.8713



240.4480, 7.1741, -14.4249



179.8590, -13.2415, -46.3573



119.0960, 4.3897, -7.9772



0.0000, 0.0000, 0.0000



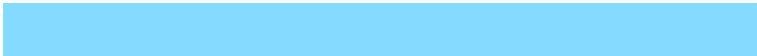
128.0000, 0.0000, 0.0000

Same Dimension

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



171.3230, 20.0538, -38.8713



196.8030, 28.6911, -55.9552



146.6690, 32.2082, -17.2497



101.9500, 2.4897, -5.2181



89.3470, 40.2549, -78.3573



22.5120, 10.1006, -19.7430

Inverse Universe

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



159.1410, 13.2415, 46.3573



179.1680, 19.1442, 66.5047



192.3310, -32.2082, 17.2497



100.2010, 1.8729, 5.9627



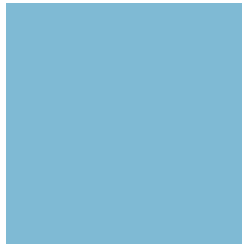
64.6950, 26.7724, 93.2295



16.2770, 6.7654, 23.4361

Previews

White Background



This preview shows how the YUV color 171.3230, 20.0538, -38.8713 looks on a white background.

Color Contrast Check

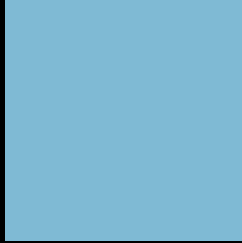
Large Text (above 18pt) WCAG AA × Fail

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 171.3230, 20.0538, -38.8713 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

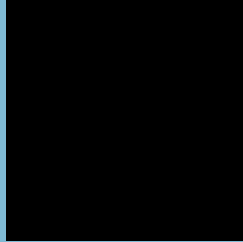
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 171.3230, 20.0538, -38.8713

Background



This preview shows how black text looks on a background with the YUV color 171.3230, 20.0538, -38.8713.



This preview shows how white text looks on a background with the YUV color 171.3230, 20.0538, -38.8713.

-38.8713.

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

171.3230, 20.0538, -38.8713

Protanopia

178.1100, 13.2568, -5.3585

Deuteranopia

178.6850, 17.9033, -2.3547



Tritanopia

170.5740, 15.9860, -40.8454

Trichromacy



Original Color

171.3230, 20.0538, -38.8713

Protanomaly

176.0160, 15.7681, -17.5540

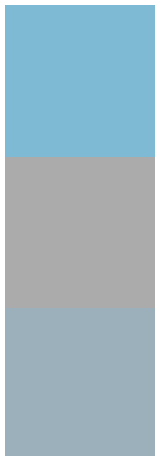
Deuteranomaly

176.1240, 18.6729, -15.8947

Tritanomaly

170.6280, 17.4384, -40.0158

Monochromacy



Original Color

171.3230, 20.0538, -38.8713

Achromatopsia

171.0000, 0.0000, 0.0000

Achromatomaly

170.8610, 7.4635, -13.9101

CSS Examples

Text

The CSS property to change the color of the text to YUV 171.3230, 20.0538, -38.8713 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(127, 186, 212)` looks like.

```
.text, #text, p{  
    color:rgb(127, 186, 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(127, 186, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 186, 212) }
```

Border

The CSS property to change the border of an element to YUV 171.3230, 20.0538, -38.8713 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(127, 186, 212) }
```


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

```
.border{ border-color:rgb(127, 186, 212) }
```

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

Here you see how a box with a 4 pixel rgb(127, 186, 212) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 186, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 186, 212);  
box-shadow:4px 4px 4px 4px rgb(127, 186,  
212) }
```

Background

The CSS property to change the background color of an element to YUV 171.3230, 20.0538, -38.8713 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 186, 212) }
```

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

```
.background{ background-color: rgb(127,  
186, 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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