

Converting Colors

YUV(179.8970, 12.8688,
-20.9577)

Have a look what the booklet for
YUV(179.8970, 12.8688, -20.9577)
contains.

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Color

**YUV(179.8970, 12.8688,
-20.9577)**

Conversions

Conversions Part 1

Format	Color
Hex	9CBBCE
RGB	156, 187, 206
RGB Percent	61%, 73%, 81%
CMY	0.3882, 0.2667, 0.1922
CMYK	0.24, 0.09, 0.00, 0.19
HSL	203°, 34%, 71%
HSV	203°, 24%, 81%
XYZ	42.6212, 47.0648, 65.2306
YIQ	179.8970, -24.5750, -0.6630

Conversions

Conversions Part 2

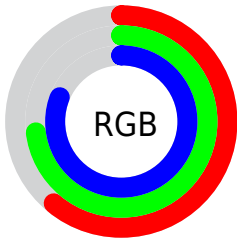
Format	Color
RYB	156, 175, 206
Decimal	10271694
CIELab	74.23, -6.22, -13.03
CIELCh	74, 14.439, 244.478
Yxy	47.0648, 0.2751, 0.3038
Android (android.graphics.Color)	4288461774 (0xFF9CBBCE)
YUV	179.8970, 12.8688, -20.9577
Hunter-Lab	68.6038, -9.1606, -8.3521

Details

The YUV color $179.8970, 12.8688, -20.9577$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $182.1030, -12.8688, 20.9577$, and the grayscale version is $180.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $234.8000, 9.9586, -20.8726$, and $127.0820, 12.2846, -20.2429$ is the 20% darker color. If you saturate the color by 10%, you get $168.9220, 18.2795, -29.7496$, and if you desaturate by 10%, it is $190.8720, 7.4581, -12.1657$.

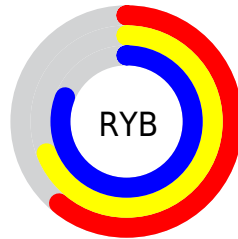
Distribution



Red (61%)

Green (73%)

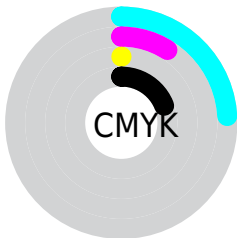
Blue (81%)



Red (61%)

Yellow (69%)

Blue (81%)

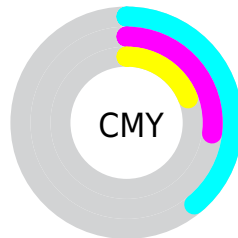


Cyan (24%)

Magenta (9%)

Yellow (0%)

Black (19%)



Cyan (39%)

Magenta (27%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the YUV color 179.8970, 12.8688, -20.9577 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 179.8970, 12.8688, -20.9577 by changing the saturation by 10% instead.

■ 179.8970, 12.8688,
-20.9577

■ 179.8970, 12.8688,
-20.9577

255.0000, 0.0000,
0.0000

■ 152.7830, 12.4320,
-20.8577

■ 234.8000, 9.9586,
-20.8726

■ 127.0820, 12.2846,
-20.2429

■ 250.5150, 2.2111,
-9.2217

■ 101.9680, 11.8478,
-20.1429

■ 76.9680, 11.8478,
-20.1429

■ 53.5550, 11.5584,
-20.6577

■ 30.2450, 11.7112,
-23.0169

■ 14.9150, 8.9159,

-13.0805

■ 0.9120, 3.4944,
-0.7998

■ 0.0000, 0.0000,
0.0000

■ 179.8970, 12.8688,
-20.9577

■ 179.8970, 12.8688,
-20.9577

■ 168.9220, 18.2795,
-29.7496

■ 190.8720, 7.4581,
-12.1657

■ 158.2460, 23.5427,
-37.9267

■ 201.5480, 2.1948,
-3.9886

■ 147.8580, 28.6640,
-47.2335

■ 211.9360, -2.9264,
5.3181

■ 137.1820, 33.9273,
-55.4106

■ 222.6120, -8.1897,
13.4953

■ 126.2070, 39.3379,
-64.2025

■ 232.3910,
-13.0108, 19.8281

■ 115.2320, 44.7486,
-72.9945

■ 237.0870,
-15.3259, 15.7097

■ 104.5560, 50.0119,
-81.1716

■ 241.7830,
-17.6410, 11.5913

■ 98.6200, 52.9383,
-86.4897

■ 246.4790,
-19.9561, 7.4729

■ 249.4140,
-21.4031, 4.8989

Harmonies

Analogous

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



178.5390, 9.1013, -25.9057



179.8970, 12.8688, -20.9577



182.3760, 13.1256, -9.9768

Triad

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



179.8970, 12.8688, -20.9577



184.9750, -1.9597, 21.9469



180.1600, -9.4459, -3.6483

Complementary

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



179.8970, 12.8688, -20.9577



182.1030, -12.8688, 20.9577

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.



181.7270, -12.6834, 8.1324



179.8970, 12.8688, -20.9577



184.6670, -8.2168, 22.2170

Square

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



179.8970, 12.8688, -20.9577



185.2390, 4.3192, 14.6994



183.3090, -11.9843, 17.2690



178.8750, -3.8824, -14.7994

Rectangle

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



179.8970, 12.8688, -20.9577



183.6760, 11.4987, -1.4699



183.3090, -11.9843, 17.2690



180.7260, -11.2039, 0.2403

Sweetspot

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



179.8970, 12.8688, -20.9577



245.5090, 4.6791, -7.4624



187.4020, -6.6072, -27.5396



122.3630, 2.7790, -4.7034



0.0000, 0.0000, 0.0000



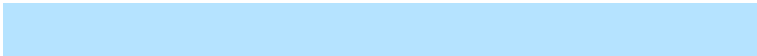
128.0000, 0.0000, 0.0000

Same Dimension

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



179.8970, 12.8688, -20.9577



216.4380, 19.0111, -31.0791



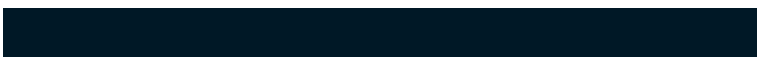
165.8090, 19.8142, -8.6025



96.6620, 2.6316, -4.0886



79.3850, 42.7012, -69.6206



18.4200, 9.6529, -16.1543

Inverse Universe

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



174.4840, 6.1704, 27.6395



208.3700, 9.1846, 40.8945



196.1910, -19.8142, 8.6025



95.6740, 1.1467, 5.5479



61.3760, 20.5206, 91.7552



14.0980, 4.8817, 20.9621

Previews

White Background



This preview shows how the YUV color 179.8970, 12.8688, -20.9577 looks on a white background.

Color Contrast Check

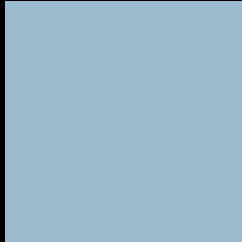
Large Text (above 18pt) WCAG AA × Fail

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 179.8970, 12.8688, -20.9577 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

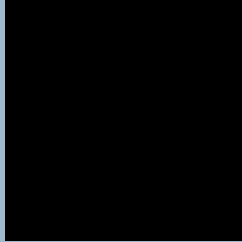
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 179.8970, 12.8688, -20.9577

Background



This preview shows how black text looks on a background with the YUV color 179.8970, 12.8688, -20.9577.



This preview shows how white text looks on a background with the YUV color 179.8970, 12.8688, -20.9577.

-20.9577.

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

179.8970, 12.8688, -20.9577

Protanopia

182.7960, 9.4676, -3.3291

Deuteranopia

184.4100, 11.6299, 3.1484



Tritanopia

179.8430, 11.4164, -21.7873

Trichromacy



Original Color

179.8970, 12.8688, -20.9577

Protanomaly

181.6920, 10.5048, -9.3769

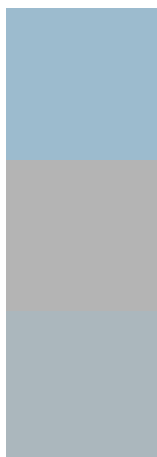
Deuteranomaly

182.4690, 12.0938, -5.6733

Tritanomaly

179.9570, 11.8532, -21.8873

Monochromacy



Original Color

179.8970, 12.8688, -20.9577

Achromatopsia

180.0000, 0.0000, 0.0000

Achromatomaly

180.0960, 4.3897, -7.9772

CSS Examples

Text

The CSS property to change the color of the text to YUV 179.8970, 12.8688, -20.9577 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(156, 187, 206)` looks like.

```
.text, #text, p{  
    color:rgb(156, 187, 206)  
}
```

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(156, 187, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 187, 206) }
```

Border

The CSS property to change the border of an element to YUV 179.8970, 12.8688, -20.9577 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(156, 187, 206) }
```


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

```
.border{ border-color:rgb(156, 187, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 187, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 187, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 187, 206);  
box-shadow:4px 4px 4px 4px rgb(156, 187,  
206) }
```

Background

The CSS property to change the background color of an element to YUV 179.8970, 12.8688, -20.9577 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 187, 206) }
```

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

```
.background{ background-color: rgb(156,  
187, 206) }
```

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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