

Converting Colors

YUV(163.1900, 21.5983,
-67.6956)

Have a look what the booklet for
YUV(163.1900, 21.5983, -67.6956)
contains.

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Color

**YUV(163.1900, 21.5983,
-67.6956)**

Conversions

Conversions Part 1

Format	Color
Hex	56C2CF
RGB	86, 194, 207
RGB Percent	34%, 76%, 81%
CMY	0.6627, 0.2392, 0.1882
CMYK	0.58, 0.06, 0.00, 0.19
HSL	186°, 56%, 57%
HSV	186°, 58%, 81%
XYZ	34.3920, 45.0670, 65.9176
YIQ	163.1900, -68.5410, -18.8530

Conversions

Conversions Part 2

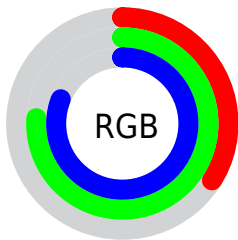
Format	Color
R _Y B	86, 143, 207
Decimal	5685967
CIE Lab	72.94, -27.05, -15.85
CIE LCh	73, 31.353, 210.373
Yxy	45.0670, 0.2366, 0.3100
Android (android.graphics.Color)	4283876047 (0xFF56C2CF)
YUV	163.1900, 21.5983, -67.6956
Hunter-Lab	67.1320, -26.0345, -11.2252

Details

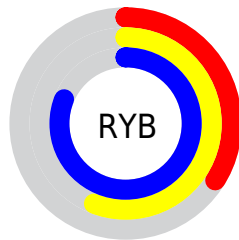
The YUV color **163.1900, 21.5983, -67.6956** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **129.8100, -21.5983, 67.6956**, and the grayscale version is **163.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **220.0610, 17.2249, -64.9515**, and **99.6220, 26.3154, -87.3685** is the 20% darker color. If you saturate the color by 10%, you get **155.7370, 25.2727, -79.5763**, and if you desaturate by 10%, it is **170.6430, 17.9240, -55.8149**.

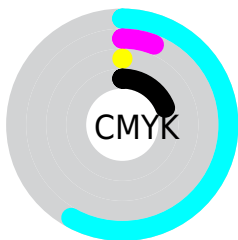
Distribution



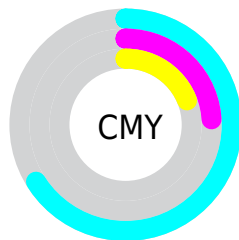
- Red (34%)
- Green (76%)
- Blue (81%)



- Red (34%)
- Yellow (56%)
- Blue (81%)



- Cyan (58%)
- Magenta (6%)
- Yellow (0%)
- Black (19%)



- Cyan (66%)
- Magenta (24%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the YUV color 163.1900, 21.5983, -67.6956 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 163.1900, 21.5983, -67.6956 by changing the saturation by 10% instead.

■ 163.1900, 21.5983,
-67.6956

■ 163.1900, 21.5983,
-67.6956

■ 255.0000, 0.0000,
0.0000

■ 133.9830, 22.1934,
-71.8991

■ 220.0610, 17.2249,
-64.9515

■ 99.6220, 26.3154,
-87.3685

■ 231.3790, 11.6452,
-48.5674

■ 81.3960, 22.4828,
-71.3843

■ 240.3490, 7.2229,
-30.1241

■ 63.8710, 18.7976,
-56.0149

■ 249.3190, 2.8007,
-11.6808

■ 47.0470, 15.2598,
-41.2602

■ 31.5110, 11.5801,
-27.6351

■ 15.0290, 9.3527,

-13.1804

■ 1.0260, 3.9312,
-0.8998

■ 0.0000, 0.0000,
0.0000

■ 163.1900, 21.5983,
-67.6956

■ 163.1900, 21.5983,
-67.6956

■ 155.7370, 25.2727,
-79.5763

■ 170.6430, 17.9240,
-55.8149

■ 148.5830, 28.7996,
-90.8423

■ 177.7970, 14.3971,
-44.5490

■ 140.5430, 32.7633,
-102.2082

■ 185.8370, 10.4334,
-33.1830

■ 133.0900, 36.4376,
-114.0889

■ 193.2900, 6.7590,
-21.3023

■ 132.1930, 36.8799,
-115.9333

■ 200.7430, 3.0847,
-9.4216

■ 207.8970, -0.4422,
1.8443

■ 215.9370, -4.4059,
13.2103

■ 223.3900, -8.0803,
25.0910

■ 225.4610, -9.1013,
25.9057

Harmonies

Analogous

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



165.5540, 6.1359, -54.8599



163.1900, 21.5983, -67.6956



168.0200, 29.5701, -57.8995

Triad

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



163.1900, 21.5983, -67.6956



183.3900, 12.1327, 28.5990



177.3080, -27.2668, 19.0239

Complementary

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



163.1900, 21.5983, -67.6956



129.8100, -21.5983, 67.6956

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.



180.1130, -24.7057, 37.6119



163.1900, 21.5983, -67.6956



183.2320, -1.5934, 44.5235

Square

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



163.1900, 21.5983, -67.6956



181.3850, 22.9812, 2.2934



181.3990, -14.9867, 47.0081



174.1200, -22.2442, -5.3672

Rectangle

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



163.1900, 21.5983, -67.6956



173.6570, 30.2421, -40.0412



181.3990, -14.9867, 47.0081



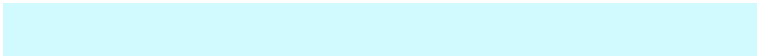
178.3520, -27.2885, 26.0013

Sweetspot

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



163.1900, 21.5983, -67.6956



238.3110, 8.2277, -25.7057



158.3950, -29.7747, -63.4904



116.9810, 5.4324, -15.7693



0.0000, 0.0000, 0.0000



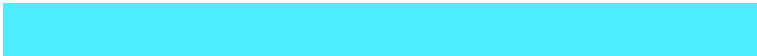
128.0000, 0.0000, 0.0000

Same Dimension

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



163.1900, 21.5983, -67.6956



190.6250, 31.7369, -99.6491



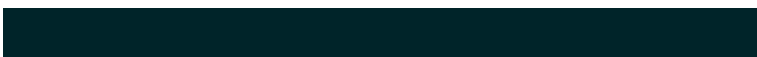
127.9700, 38.9618, -36.8077



100.5370, 2.2003, -5.7329



107.2020, 29.9734, -94.0162



25.8060, 7.4906, -22.6319

Inverse Universe

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



134.4910, 29.3379, 63.5904



148.3480, 43.2124, 93.5338



165.0300, -38.9618, 36.8077



98.3150, 2.3097, 5.8627



67.3320, 40.7553, 88.2858



16.3630, 9.6810, 21.6066

Previews

White Background



This preview shows how the YUV color 163.1900, 21.5983, -67.6956 looks on a white background.

Color Contrast Check

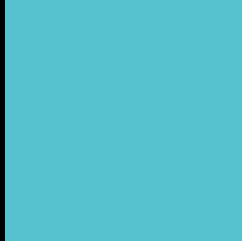
Large Text (above 18pt) WCAG AA × Fail

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 163.1900, 21.5983, -67.6956 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

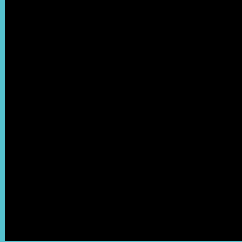
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 163.1900, 21.5983, -67.6956

Background



This preview shows how black text looks on a background with the YUV color 163.1900, 21.5983, -67.6956.



This preview shows how white text looks on a background with the YUV color 163.1900, 21.5983, -67.6956.

-67.6956.

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

163.1900, 21.5983, -67.6956

Protanopia

178.8670, 8.4466, -2.5144

Deuteranopia

179.7130, 15.4245, -0.6253



Tritanopia

163.7170, 22.3245, -67.2808

Trichromacy



Original Color

163.1900, 21.5983, -67.6956

Protanomaly

172.9780, 13.3218, -26.2907

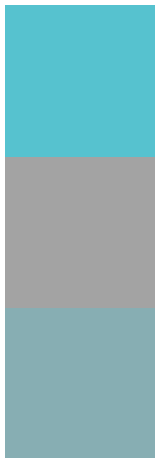
Deuteranomaly

173.5420, 17.9738, -25.0313

Tritanomaly

163.6030, 21.8877, -67.1808

Monochromacy



Original Color

163.1900, 21.5983, -67.6956

Achromatopsia

163.0000, 0.0000, 0.0000

Achromatomaly

162.9090, 7.9329, -24.4762

CSS Examples

Text

The CSS property to change the color of the text to YUV 163.1900, 21.5983, -67.6956 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(86, 194, 207)` looks like.

```
.text, #text, p{  
    color:rgb(86, 194, 207)  
}
```

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(86, 194, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 194, 207) }
```

Border

The CSS property to change the border of an element to YUV 163.1900, 21.5983, -67.6956 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(86, 194, 207) }
```


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

```
.border{ border-color:rgb(86, 194, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 194, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 194, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 194, 207);  
box-shadow:4px 4px 4px 4px rgb(86, 194,  
207) }
```

Background

The CSS property to change the background color of an element to YUV 163.1900, 21.5983, -67.6956 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 194, 207) }
```

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

```
.background{ background-color: rgb(86, 194,  
207) }
```

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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