

Converting Colors

YUV(166.5230, 19.9552,
-53.9557)

Have a look what the booklet for
YUV(166.5230, 19.9552, -53.9557)
contains.

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Color

**YUV(166.5230, 19.9552,
-53.9557)**

Conversions

Conversions Part 1

Format	Color
Hex	69BECF
RGB	105, 190, 207
RGB Percent	41%, 75%, 81%
CMY	0.5882, 0.2549, 0.1882
CMYK	0.49, 0.08, 0.00, 0.19
HSL	190°, 52%, 61%
HSV	190°, 49%, 81%
XYZ	35.5016, 44.3352, 65.7179
YIQ	166.5230, -56.1170, -12.7330

Conversions

Conversions Part 2

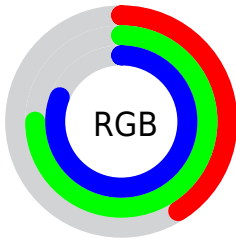
Format	Color
RYB	105, 151, 207
Decimal	6930127
CIELab	72.45, -21.17, -16.52
CIElCh	72, 26.852, 217.958
Yxy	44.3352, 0.2439, 0.3046
Android (android.graphics.Color)	4285120207 (0xFF69BECF)
YUV	166.5230, 19.9552, -53.9557
Hunter-Lab	66.5847, -21.3504, -11.9089

Details

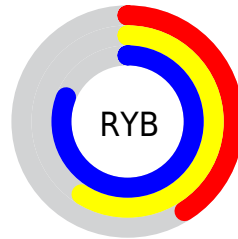
The YUV color **166.5230, 19.9552, -53.9557** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **145.4770, -19.9552, 53.9557**, and the grayscale version is **166.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **221.9100, 16.3134, -52.5411**, and **110.4300, 20.9870, -58.2591** is the 20% darker color. If you saturate the color by 10%, you get **158.4830, 23.9189, -65.3216**, and if you desaturate by 10%, it is **174.5630, 15.9914, -42.5898**.

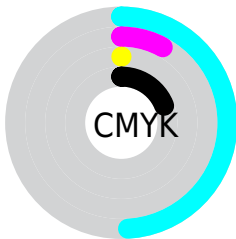
Distribution



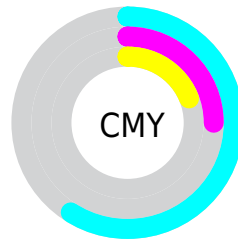
- Red (41%)
- Green (75%)
- Blue (81%)



- Red (41%)
- Yellow (59%)
- Blue (81%)



- Cyan (49%)
- Magenta (8%)
- Yellow (0%)
- Black (19%)



- Cyan (59%)
- Magenta (25%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the YUV color 166.5230, 19.9552, -53.9557 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 166.5230, 19.9552, -53.9557 by changing the saturation by 10% instead.

166.5230, 19.9552,
-53.9557

166.5230, 19.9552,
-53.9557

255.0000, 0.0000,
0.0000

138.8110, 19.8132,
-55.0852

221.9100, 16.3134,
-52.5411

110.4300, 20.9870,
-58.2591

235.8640, 9.4340,
-39.3457

79.6350, 23.3509,
-69.8399

244.5350, 5.1592,
-21.5172

62.1100, 19.6658,
-54.4705

253.5050, 0.7370,
-3.0739

45.8730, 15.8386,
-40.2306

29.7500, 12.4483,
-26.0907

13.8550, 9.9315,

-12.1508

■ 1.0260, 3.9312,
-0.8998

■ 0.0000, 0.0000,
0.0000

■ 166.5230, 19.9552,
-53.9557

■ 166.5230, 19.9552,
-53.9557

■ 158.4830, 23.9189,
-65.3216

■ 174.5630, 15.9914,
-42.5898

■ 150.1550, 28.0246,
-75.5579

■ 182.8910, 11.8857,
-32.3534

■ 142.1150, 31.9883,
-86.9239

■ 190.9310, 7.9220,
-20.9875

■ 133.4880, 36.2414,
-97.7750

■ 199.5580, 3.6689,
-10.1364

■ 125.4480, 40.2051,
-109.1409

■ 207.5980, -0.2948,
1.2296

■ 124.5620, 40.6419,
-109.2409

■ 215.9260, -4.4005,
11.4659

■ 223.9660, -8.3642,
22.8318

■ 227.8090,
-10.2588, 23.8465

■ 229.5700,
-11.1270, 22.3021

Harmonies

Analogous

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



166.8690, 8.4456, -48.9971



166.5230, 19.9552, -53.9557



170.7940, 25.7376, -41.9153

Triad

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



166.5230, 19.9552, -53.9557



181.8370, 7.4754, 29.0840



175.7030, -23.0246, 11.6615

Complementary

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



166.5230, 19.9552, -53.9557



145.4770, -19.9552, 53.9557

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.



178.0410, -22.2052, 28.9050



166.5230, 19.9552, -53.9557



181.4010, -4.6347, 39.9903

Square

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



166.5230, 19.9552, -53.9557



180.6370, 17.4340, 8.2114



179.9420, -15.2544, 39.5159



172.7650, -17.1391, -9.4409

Rectangle

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



166.5230, 19.9552, -53.9557



174.7790, 25.2520, -26.1162



179.9420, -15.2544, 39.5159



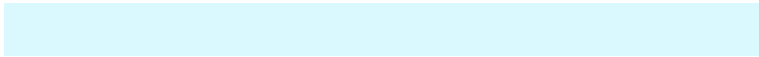
176.9210, -23.6251, 17.6093

Sweetspot

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



166.5230, 19.9552, -53.9557



240.1160, 7.3378, -20.2727



166.8120, -22.0923, -54.2091



118.7750, 4.5479, -12.0807



0.0000, 0.0000, 0.0000



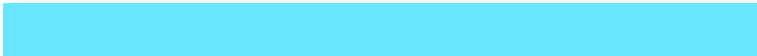
128.0000, 0.0000, 0.0000

Same Dimension

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



166.5230, 19.9552, -53.9557



195.4750, 29.3458, -79.3466



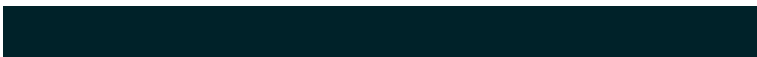
136.5860, 34.7141, -27.7009



100.5370, 2.2003, -5.7329



101.3320, 32.8673, -88.8682



24.6320, 8.0694, -21.6023

Inverse Universe

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



145.1880, 22.0923, 54.2091



164.1000, 32.4887, 79.7193



175.4140, -34.7141, 27.7009



98.3150, 2.3097, 5.8627



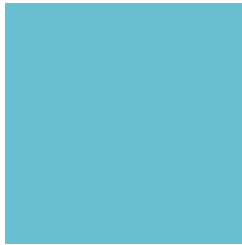
66.1920, 36.3873, 89.2856



16.1350, 8.8074, 21.8066

Previews

White Background



This preview shows how the YUV color 166.5230, 19.9552, -53.9557 looks on a white background.

Color Contrast Check

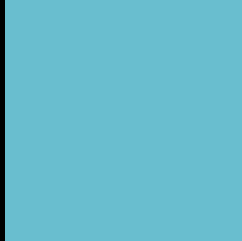
Large Text (above 18pt) WCAG AA × Fail

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 166.5230, 19.9552, -53.9557 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

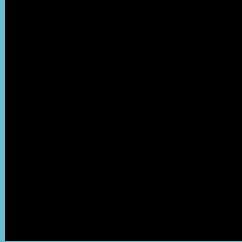
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 166.5230, 19.9552, -53.9557

Background



This preview shows how black text looks on a background with the YUV color 166.5230, 19.9552, -53.9557.



This preview shows how white text looks on a background with the YUV color 166.5230, 19.9552, -53.9557.

-53.9557.

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

166.5230, 19.9552, -53.9557

Protanopia

177.3230, 10.1938, -2.9143

Deuteranopia

178.5280, 16.0087, -1.3401



Tritanopia

166.4090, 19.5184, -53.8557

Trichromacy



Original Color

166.5230, 19.9552, -53.9557

Protanomaly

173.1250, 13.7424, -21.1576

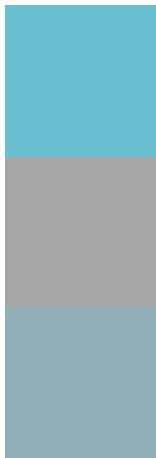
Deuteranomaly

174.1620, 17.6681, -20.3131

Tritanomaly

166.4090, 19.5184, -53.8557

Monochromacy



Original Color

166.5230, 19.9552, -53.9557

Achromatopsia

167.0000, 0.0000, 0.0000

Achromatomaly

166.5290, 7.6272, -19.7579

CSS Examples

Text

The CSS property to change the color of the text to YUV 166.5230, 19.9552, -53.9557 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(105, 190, 207)` looks like.

```
.text, #text, p{  
    color:rgb(105, 190, 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(105, 190, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 190, 207) }
```

Border

The CSS property to change the border of an element to YUV 166.5230, 19.9552, -53.9557 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(105, 190, 207) }
```


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

```
.border{ border-color:rgb(105, 190, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 190, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 190, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 190, 207);  
box-shadow:4px 4px 4px 4px rgb(105, 190,  
207) }
```

Background

The CSS property to change the background color of an element to YUV 166.5230, 19.9552, -53.9557 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 190, 207) }
```

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

```
.background{ background-color: rgb(105,  
190, 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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