

Converting Colors

YUV(166.4080, 20.9979,
-61.7478)

Have a look what the booklet for
YUV(166.4080, 20.9979, -61.7478)
contains.

YUV(166.4080, 20.9979, -61.7478)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(166.4080, 20.9979,
-61.7478)**

Conversions

Conversions Part 1

Format	Color
Hex	60C2D1
RGB	96, 194, 209
RGB Percent	38%, 76%, 82%
CMY	0.6235, 0.2392, 0.1804
CMYK	0.54, 0.07, 0.00, 0.18
HSL	188°, 55%, 60%
HSV	188°, 54%, 82%
XYZ	35.6243, 45.6738, 67.2599
YIQ	166.4080, -63.2230, -16.1110

Conversions

Conversions Part 2

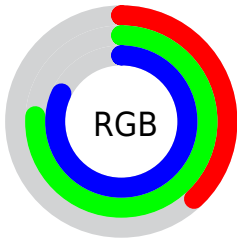
Format	Color
RYB	96, 148, 209
Decimal	6341329
CIELab	73.33, -24.56, -16.31
CIElCh	73, 29.479, 213.588
Yxy	45.6738, 0.2398, 0.3074
Android (android.graphics.Color)	4284531409 (0xFF60C2D1)
YUV	166.4080, 20.9979, -61.7478
Hunter-Lab	67.5824, -24.1777, -11.6994

Details

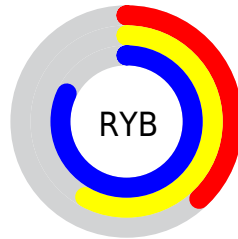
The YUV color **166.4080, 20.9979, -61.7478** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **138.5920, -20.9979, 61.7478**, and the grayscale version is **166.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **222.7520, 15.8983, -59.4185**, and **107.6240, 23.3564, -71.5842** is the 20% darker color. If you saturate the color by 10%, you get **158.3680, 24.9616, -73.1137**, and if you desaturate by 10%, it is **174.4480, 17.0341, -50.3819**.

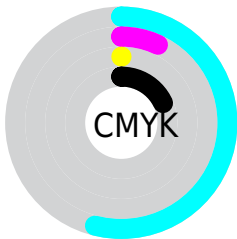
Distribution



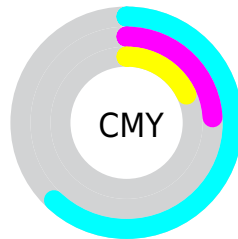
- Red (38%)
- Green (76%)
- Blue (82%)



- Red (38%)
- Yellow (58%)
- Blue (82%)



- Cyan (54%)
- Magenta (7%)
- Yellow (0%)
- Black (18%)



- Cyan (62%)
- Magenta (24%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YUV color 166.4080, 20.9979, -61.7478 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 166.4080, 20.9979, -61.7478 by changing the saturation by 10% instead.

166.4080, 20.9979,
-61.7478

166.4080, 20.9979,
-61.7478

255.0000, 0.0000,
0.0000

138.0980, 21.1507,
-64.1069

222.7520, 15.8983,
-59.4185

107.6240, 23.3564,
-71.5842

233.7710, 10.4659,
-43.6492

81.6240, 23.3564,
-71.5842

242.4420, 6.1911,
-25.8206

64.5720, 18.9450,
-56.6296

251.4120, 1.7689,
-7.3773

47.7480, 15.4072,
-41.8750

31.6250, 12.0169,
-27.7351

16.3170, 9.2107,

-14.3100

■ 1.3680, 5.2416,
-1.1997

■ 0.0000, 0.0000,
0.0000

■ 166.4080, 20.9979,
-61.7478

■ 166.4080, 20.9979,
-61.7478

■ 158.3680, 24.9616,
-73.1137

■ 174.4480, 17.0341,
-50.3819

■ 150.3280, 28.9253,
-84.4797

■ 182.4880, 13.0704,
-39.0160

■ 142.8750, 32.5996,
-96.3604

■ 189.9410, 9.3961,
-27.1353

■ 134.8350, 36.5633,
-107.7263

■ 197.9810, 5.4324,
-15.7693

■ 130.0730, 38.9110,
-114.0740

■ 206.0210, 1.4686,
-4.4034

■ 213.7620, -2.3477,
6.3477

■ 221.2150, -6.0220,
18.2284

■ 226.8630, -8.8065,
24.6761

■ 228.6240, -9.6746,
23.1318

Harmonies

Analogous

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



167.5050, 7.1460, -52.1859



166.4080, 20.9979, -61.7478



171.0210, 28.0906, -50.0074

Triad

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



166.4080, 20.9979, -61.7478



184.8200, 9.9487, 29.0989



178.0410, -25.6562, 15.7500

Complementary

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



166.4080, 20.9979, -61.7478



138.5920, -20.9979, 61.7478

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.



180.6180, -23.9687, 34.5380



166.4080, 20.9979, -61.7478



183.8790, -2.8983, 43.0791

Square

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



166.4080, 20.9979, -61.7478



182.8260, 20.7918, 4.5376



182.5620, -15.5601, 44.2341



174.9780, -20.2022, -6.9967

Rectangle

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



166.4080, 20.9979, -61.7478



175.5330, 28.3312, -33.7934



182.5620, -15.5601, 44.2341



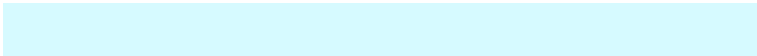
179.0850, -25.6779, 22.7275

Sweetspot

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



166.4080, 20.9979, -61.7478



239.8060, 7.4906, -22.6319



163.8130, -27.0228, -59.4720



118.1770, 4.8427, -13.3102



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.



166.4080, 20.9979, -61.7478



192.4520, 30.8362, -90.7274



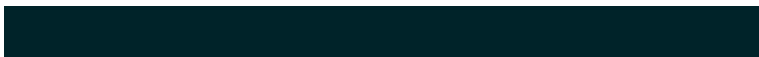
134.1230, 36.9144, -33.4339



100.5370, 2.2003, -5.7329



104.8540, 31.1310, -91.9570



25.2190, 7.7800, -22.1171

Inverse Universe

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



140.9590, 26.1492, 59.6720



155.0500, 38.4293, 87.6561



170.8770, -36.9144, 33.4339



98.3150, 2.3097, 5.8627



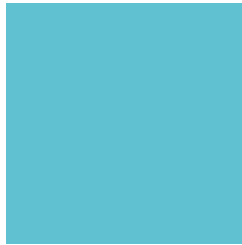
66.8760, 39.0081, 88.6857



16.2490, 9.2442, 21.7066

Previews

White Background



This preview shows how the YUV color 166.4080, 20.9979, -61.7478 looks on a white background.

Color Contrast Check

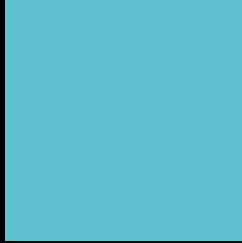
Large Text (above 18pt) WCAG AA × Fail

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 166.4080, 20.9979, -61.7478 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

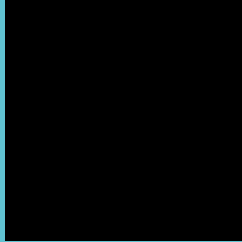
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 166.4080, 20.9979, -61.7478

Background



This preview shows how black text looks on a background with the YUV color 166.4080, 20.9979, -61.7478.



This preview shows how white text looks on a background with the YUV color 166.4080, 20.9979, -61.7478.

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

166.4080, 20.9979, -61.7478

Protanopia

179.6820, 9.0308, -3.2291

Deuteranopia

180.8270, 15.8613, -0.7253



Tritanopia

166.5220, 21.4347, -61.8478

Trichromacy



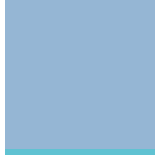
Original Color

166.4080, 20.9979, -61.7478



Protanomaly

174.9890, 13.3164, -24.5464



Deuteranomaly

175.5530, 17.9684, -23.2870



Tritanomaly

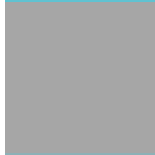
166.5220, 21.4347, -61.8478

Monochromacy



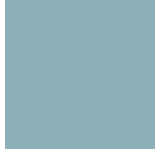
Original Color

166.4080, 20.9979, -61.7478



Achromatopsia

166.0000, 0.0000, 0.0000



Achromatomaly

166.2190, 7.7800, -22.1171

CSS Examples

Text

The CSS property to change the color of the text to YUV 166.4080, 20.9979, -61.7478 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(96, 194, 209)` looks like.

```
.text, #text, p{  
    color:rgb(96, 194, 209)  
}
```

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(96, 194, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 194, 209) }
```

Border

The CSS property to change the border of an element to YUV 166.4080, 20.9979, -61.7478 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(96, 194, 209) }
```


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

```
.border{ border-color:rgb(96, 194, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 194, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 194, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 194, 209);  
box-shadow:4px 4px 4px 4px rgb(96, 194,  
209) }
```

Background

The CSS property to change the background color of an element to YUV 166.4080, 20.9979, -61.7478 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 194, 209) }
```

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

```
.background{ background-color: rgb(96, 194,  
209) }
```

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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