

Converting Colors

YUV(166.9710, 23.6783,
-81.5356)

Have a look what the booklet for
YUV(166.9710, 23.6783, -81.5356)
contains.

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Color

**YUV(166.9710, 23.6783,
-81.5356)**

Conversions

Conversions Part 1

Format	Color
Hex	4ACDD7
RGB	74, 205, 215
RGB Percent	29%, 80%, 84%
CMY	0.7098, 0.1961, 0.1569
CMYK	0.66, 0.05, 0.00, 0.16
HSL	184°, 64%, 57%
HSV	184°, 66%, 84%
XYZ	36.9211, 50.0248, 71.9998
YIQ	166.9710, -81.2860, -24.6620

Conversions

Conversions Part 2

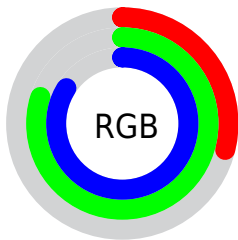
Format	Color
RYB	74, 142, 215
Decimal	4902359
CIELab	76.08, -32.09, -15.48
CIElCh	76, 35.630, 205.745
Yxy	50.0248, 0.2323, 0.3147
Android (android.graphics.Color)	4283092439 (0xFF4ACDD7)
YUV	166.9710, 23.6783, -81.5356
Hunter-Lab	70.7282, -30.5949, -10.8462

Details

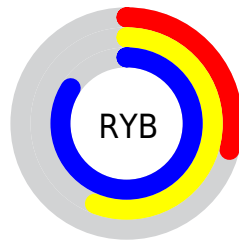
The YUV color **166.9710, 23.6783, -81.5356** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **122.0290, -23.6783, 81.5356**, and the grayscale version is **167.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **220.3160, 17.0992, -71.3141**, and **106.2900, 26.4790, -93.2163** is the 20% darker color. If you saturate the color by 10%, you get **159.2190, 27.5000, -94.0311**, and if you desaturate by 10%, it is **174.4240, 20.0040, -69.6548**.

Distribution



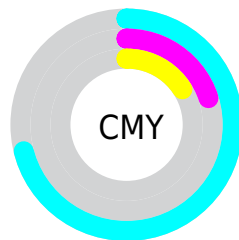
- Red (29%)
- Green (80%)
- Blue (84%)



- Red (29%)
- Yellow (56%)
- Blue (84%)



- Cyan (66%)
- Magenta (5%)
- Yellow (0%)
- Black (16%)



- Cyan (71%)
- Magenta (20%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YUV color 166.9710, 23.6783, -81.5356 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 166.9710, 23.6783, -81.5356 by changing the saturation by 10% instead.

■ 166.9710, 23.6783,
-81.5356

■ 166.9710, 23.6783,
-81.5356

255.0000, 0.0000,
0.0000

■ 134.1870, 26.0368,
-91.3720

■ 220.3160, 17.0992,
-71.3141

■ 106.2900, 26.4790,
-93.2163

■ 229.2860, 12.6770,
-52.8708

■ 88.0640, 22.6464,
-77.2321

■ 238.5550, 8.1074,
-33.8127

■ 70.5390, 18.9613,
-61.8627

■ 247.5250, 3.6852,
-15.3694

■ 53.1280, 15.7129,
-46.5933

■ 36.8910, 11.8857,
-32.3534

■ 22.6430, 8.0640,

-19.8579

■ 2.7530, 8.0098,
-2.4144

■ 0.0000, 0.0000,
0.0000

■ 166.9710, 23.6783,
-81.5356

■ 166.9710, 23.6783,
-81.5356

■ 159.2190, 27.5000,
-94.0311

■ 174.4240, 20.0040,
-69.6548

■ 152.3530, 30.8850,
-106.4266

■ 181.5890, 16.4716,
-56.6446


■ 144.6010, 34.7067,
-118.9221

■ 189.3410, 12.6499,
-44.1491


■ 141.9100, 36.0334,
-124.4551

■ 196.2070, 9.2649,
-31.7535

 203.6600, 5.5906,
-19.8728

 210.8250, 2.0583,
-6.8625

 218.2780, -1.6161,
5.0182

 225.4430, -5.1484,
18.0285

 229.3080, -7.0538,
22.5319

Harmonies

Analogous

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



171.8800, 4.9892, -60.4078



166.9710, 23.6783, -81.5356



171.7730, 34.1289, -73.4689

Triad

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



166.9710, 23.6783, -81.5356



192.7150, 15.9165, 28.3139



185.9020, -31.5037, 24.6419

Complementary

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



166.9710, 23.6783, -81.5356



122.0290, -23.6783, 81.5356

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.



188.5870, -26.9114, 45.0892



166.9710, 23.6783, -81.5356



191.9490, 1.0111, 49.1567

Square

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



166.9710, 23.6783, -81.5356



189.7200, 28.2390, -4.1394



189.9700, -14.2822, 54.4003



182.4750, -27.3492, -1.2936

Rectangle

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



166.9710, 23.6783, -81.5356



178.3610, 35.8110, -52.9366



189.9700, -14.2822, 54.4003



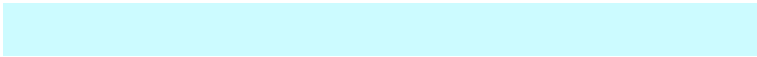
186.7720, -30.9466, 32.6490

Sweetspot

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



166.9710, 23.6783, -81.5356



237.4030, 8.6753, -29.2944



157.7930, -36.8729, -73.4865



116.9700, 5.4378, -17.5137



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.



166.9710, 23.6783, -81.5356



186.6830, 33.6803, -116.3630



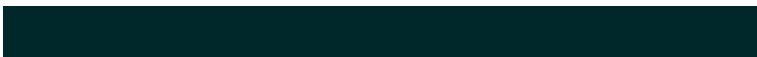
125.8810, 43.9357, -45.4996



103.1240, 1.9109, -6.2477



112.8270, 28.6793, -98.9493



28.3820, 7.2067, -24.8910

Inverse Universe

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



131.0930, 36.4362, 73.5864



135.4170, 52.0524, 104.8743



163.1190, -43.9357, 45.4996



100.4290, 2.7465, 5.7628



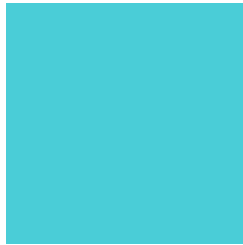
69.2550, 44.2443, 89.2304



17.4170, 11.1334, 22.4363

Previews

White Background



This preview shows how the YUV color 166.9710, 23.6783, -81.5356 looks on a white background.

Color Contrast Check

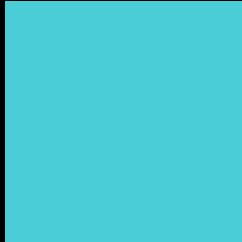
Large Text (above 18pt) WCAG AA × Fail

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 166.9710, 23.6783, -81.5356 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

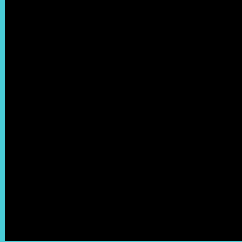
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 166.9710, 23.6783, -81.5356

Background



This preview shows how black text looks on a background with the YUV color 166.9710, 23.6783, -81.5356.



This preview shows how white text looks on a background with the YUV color 166.9710, 23.6783, -81.5356.

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

166.9710, 23.6783, -81.5356

Protanopia

186.9380, 7.4256, -1.6996

Deuteranopia

188.1260, 15.7139, -0.1105



Tritanopia

167.9650, 26.1463, -79.7763

Trichromacy



Original Color

166.9710, 23.6783, -81.5356

Protanomaly

179.6570, 13.4801, -30.3942

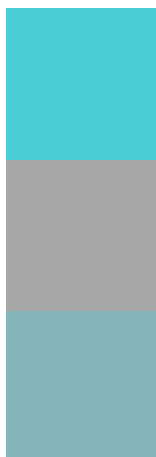
Deuteranomaly

180.3350, 18.5688, -29.2348

Tritanomaly

167.4380, 25.4201, -80.1911

Monochromacy



Original Color

166.9710, 23.6783, -81.5356

Achromatopsia

167.0000, 0.0000, 0.0000

Achromatomaly

166.9900, 8.3859, -29.8092

CSS Examples

Text

The CSS property to change the color of the text to YUV 166.9710, 23.6783, -81.5356 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(74, 205, 215)` looks like.

```
.text, #text, p{  
    color:rgb(74, 205, 215)  
}
```

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(74, 205, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 205, 215) }
```

Border

The CSS property to change the border of an element to YUV 166.9710, 23.6783, -81.5356 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(74, 205, 215) }
```


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

```
.border{ border-color:rgb(74, 205, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 205, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 205, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 205, 215);  
box-shadow:4px 4px 4px 4px rgb(74, 205,  
215) }
```

Background

The CSS property to change the background color of an element to YUV 166.9710, 23.6783, -81.5356 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 205, 215) }
```

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

```
.background{ background-color: rgb(74, 205,  
215) }
```

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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