

Converting Colors

YUV(176.7630, -4.3202,
-61.1822)

Have a look what the booklet for
YUV(176.7630, -4.3202, -61.1822)
contains.

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Color

**YUV(176.7630, -4.3202,
-61.1822)**

Conversions

Conversions Part 1

Format	Color
Hex	6BD6A8
RGB	107, 214, 168
RGB Percent	42%, 84%, 66%
CMY	0.5804, 0.1608, 0.3412
CMYK	0.50, 0.00, 0.21, 0.16
HSL	154°, 57%, 63%
HSV	154°, 50%, 84%
XYZ	37.1779, 54.0461, 45.5182
YIQ	176.7630, -49.0060, -36.9900

Conversions

Conversions Part 2

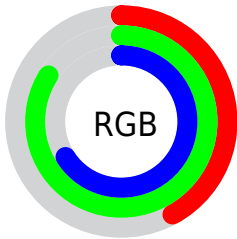
Format	Color
RYB	107, 175, 214
Decimal	7067304
CIELab	78.49, -41.61, 13.37
CIELCh	78, 43.706, 162.192
Yxy	54.0461, 0.2719, 0.3952
Android (android.graphics.Color)	4285257384 (0xFF6BD6A8)
YUV	176.7630, -4.3202, -61.1822
Hunter-Lab	73.5160, -38.3837, 14.7512

Details

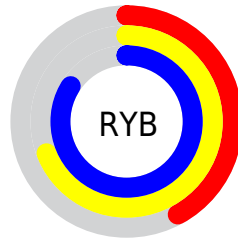
The YUV color **176.7630, -4.3202, -61.1822** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **144.2370, 4.3202, 61.1822**, and the grayscale version is **177.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **224.1430, -0.5635, -52.7454**, and **120.3110, -2.1253, -65.1707** is the 20% darker color. If you saturate the color by 10%, you get **169.4580, -5.1558, -73.1927**, and if you desaturate by 10%, it is **184.0680, -3.4845, -49.1716**.

Distribution



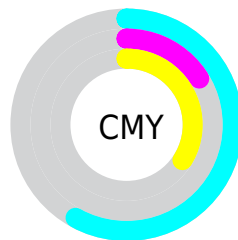
- Red (42%)
- Green (84%)
- Blue (66%)



- Red (42%)
- Yellow (69%)
- Blue (84%)



- Cyan (50%)
- Magenta (0%)
- Yellow (21%)
- Black (16%)



- Cyan (58%)
- Magenta (16%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the YUV color 176.7630, -4.3202, -61.1822 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 176.7630, -4.3202, -61.1822 by changing the saturation by 10% instead.

■ 176.7630, -4.3202,
-61.1822

■ 176.7630, -4.3202,
-61.1822

255.0000, 0.0000,
0.0000

■ 148.6920, -3.2992,
-61.9969

■ 224.1430, -0.5635,
-52.7454

■ 120.3110, -2.1253,
-65.1707

■ 236.1200, 7.8288,
-37.8162

■ 87.8580, 1.5490,
-77.0515

■ 245.4320, 4.7170,
-19.6729

■ 69.9740, -0.9732,
-61.3672

■ 254.1030, 0.4422,
-1.8443

■ 52.6770, -3.7848,
-46.1977

■ 36.1950, -6.0121,
-31.7430

■ 21.1320, -10.4181,

-18.5328

■ 0.0000, 0.0000,
0.0000

■ 176.7630, -4.3202,
-61.1822

■ 176.7630, -4.3202,
-61.1822

■ 169.4580, -5.1558,
-73.1927

■ 184.0680, -3.4845,
-49.1716

■ 161.8540, -5.8440,
-85.8180

■ 191.6720, -2.7963,
-36.5463

■ 154.4350, -7.1165,
-97.7285

■ 199.0910, -1.5239,
-24.6358

■ 146.8310, -7.8047,
-110.3538

■ 206.6950, -0.8356,
-12.0105

■ 139.5260, -8.6403,
-122.3643

■ 214.0000, 0.0000,
0.0000

■ 221.3050, 0.8356,
12.0105

■ 228.3110, 1.8187,
23.4063

■ 229.4510, 6.1867,
22.4065

■ 230.4770, 10.1178,
21.5067

Harmonies

Analogous

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



184.6850, -25.9737, -22.5257



176.7630, -4.3202, -61.1822



161.1970, 24.0599, -110.6748

Triad

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



176.7630, -4.3202, -61.1822



190.7990, 31.6511, -25.2567



192.2230, -24.7599, 55.0554

Complementary

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



176.7630, -4.3202, -61.1822



144.2370, 4.3202, 61.1822

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.



191.7450, -6.2833, 55.4746



176.7630, -4.3202, -61.1822



199.3360, 27.4424, 18.1223

Square

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



176.7630, -4.3202, -61.1822



175.4180, 39.2339, -77.5426



198.1800, 10.7573, 49.8311



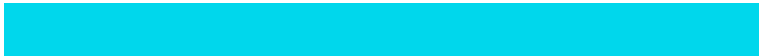
192.8180, -37.3783, 42.2556

Rectangle

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



176.7630, -4.3202, -61.1822



153.1090, 40.8653, -134.2766



198.1800, 10.7573, 49.8311



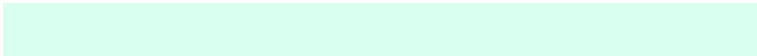
191.1290, -18.7976, 56.0149

Sweetspot

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



176.7630, -4.3202, -61.1822



241.8140, -1.3873, -21.7619



183.5630, -37.7456, -26.8038



119.9830, -0.9776, -13.1401



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.



176.7630, -4.3202, -61.1822



201.7290, -6.2754, -87.4623



177.8980, 17.7983, -62.1775



103.1410, -0.5625, -6.2627



111.4350, -7.1165, -97.7285



28.0910, -1.5239, -24.6358

Inverse Universe

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



144.2370, 4.3202, 61.1822



155.2710, 6.2754, 87.4623



143.1020, -17.7983, 62.1775



99.8590, 0.5625, 6.2627



59.4510, 6.6797, 97.8285



15.0230, 1.9607, 24.5358

Previews

White Background



This preview shows how the YUV color 176.7630, -4.3202, -61.1822 looks on a white background.

Color Contrast Check

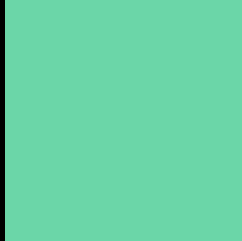
Large Text (above 18pt) WCAG AA × Fail

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 176.7630, -4.3202, -61.1822 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

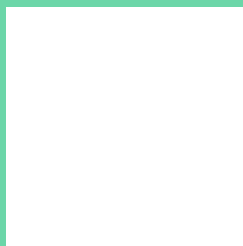
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 176.7630, -4.3202, -61.1822

Background



This preview shows how black text looks on a background with the YUV color 176.7630, -4.3202, -61.1822.



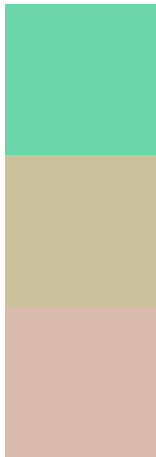
This preview shows how white text looks on a background with the YUV color 176.7630, -4.3202, -61.1822.

-61.1822.

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

176.7630, -4.3202, -61.1822

Protanopia

192.1850, -17.3462, 10.3618

Deuteranopia

194.4990, -10.1060, 21.4874



Tritanopia

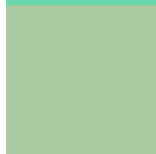
183.4090, 19.5184, -53.8557

Trichromacy



Original Color

176.7630, -4.3202, -61.1822



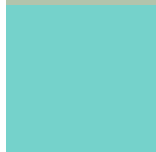
Protanomaly

186.8720, -12.7549, -15.6737



Deuteranomaly

187.8820, -7.8298, -8.6665



Tritanomaly

181.3950, 10.6513, -56.4744

Monochromacy



Original Color

176.7630, -4.3202, -61.1822



Achromatopsia

177.0000, 0.0000, 0.0000



Achromatomaly

176.8140, -1.3873, -21.7619

CSS Examples

Text

The CSS property to change the color of the text to YUV 176.7630, -4.3202, -61.1822 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(107, 214, 168)` looks like.

```
.text, #text, p{  
    color:rgb(107, 214, 168)  
}
```

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(107, 214, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 214, 168) }
```

Border

The CSS property to change the border of an element to YUV 176.7630, -4.3202, -61.1822 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(107, 214, 168) }
```


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

```
.border{ border-color:rgb(107, 214, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 214, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 214, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 214, 168);  
box-shadow:4px 4px 4px 4px rgb(107, 214,  
168) }
```

Background

The CSS property to change the background color of an element to YUV 176.7630, -4.3202, -61.1822 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 214, 168) }
```

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

```
.background{ background-color: rgb(107,  
214, 168) }
```

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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