

Converting Colors

YUV(169.6490, 28.7670,
-80.3762)

Have a look what the booklet for
YUV(169.6490, 28.7670, -80.3762)
contains.

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Color

**YUV(169.6490, 28.7670,
-80.3762)**

Conversions

Conversions Part 1

Format	Color
Hex	4ECDE4
RGB	78, 205, 228
RGB Percent	31%, 80%, 89%
CMY	0.6941, 0.1961, 0.1059
CMYK	0.66, 0.10, 0.00, 0.11
HSL	189°, 74%, 60%
HSV	189°, 66%, 89%
XYZ	38.9768, 50.8838, 81.1660
YIQ	169.6490, -83.0750, -19.7710

Conversions

Conversions Part 2

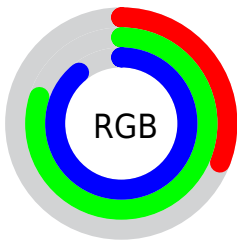
Format	Color
RYB	78, 147, 228
Decimal	5164516
CIELab	76.61, -27.70, -21.67
CIElCh	77, 35.174, 218.038
Yxy	50.8838, 0.2279, 0.2975
Android (android.graphics.Color)	4283354596 (0xFF4ECDE4)
YUV	169.6490, 28.7670, -80.3762
Hunter-Lab	71.3329, -27.2988, -17.5301

Details

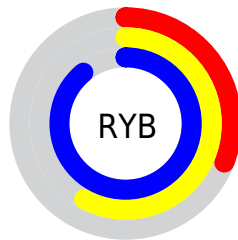
The YUV color **169.6490, 28.7670, -80.3762** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **136.3510, -28.7670, 80.3762**, and the grayscale version is **169.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **221.5120, 16.5096, -68.8550**, and **107.7720, 32.1574, -94.5160** is the 20% darker color. If you saturate the color by 10%, you get **161.0110, 33.0256, -92.9716**, and if you desaturate by 10%, it is **178.2870, 24.5085, -67.7807**.

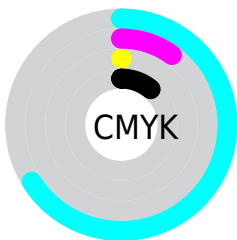
Distribution



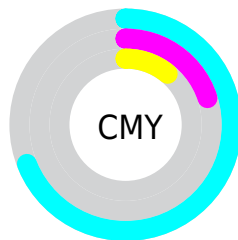
- Red (31%)
- Green (80%)
- Blue (89%)



- Red (31%)
- Yellow (58%)
- Blue (89%)



- Cyan (66%)
- Magenta (10%)
- Yellow (0%)
- Black (11%)



- Cyan (69%)
- Magenta (20%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 169.6490, 28.7670, -80.3762 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 169.6490, 28.7670, -80.3762 by changing the saturation by 10% instead.

169.6490, 28.7670,
-80.3762

169.6490, 28.7670,
-80.3762

255.0000, 0.0000,
0.0000

137.4630, 30.8307,
-88.9831

221.5120, 16.5096,
-68.8550

107.7720, 32.1574,
-94.5160

230.4820, 12.0874,
-50.4117

89.4320, 27.8880,
-78.4319

239.7510, 7.5178,
-31.3536

71.7930, 23.7661,
-62.9625

249.0200, 2.9481,
-12.2955

54.8550, 19.7915,
-48.1078

38.7320, 16.4011,
-33.9680

24.3700, 12.1426,

-21.3725

■ 4.3660, 11.6516,
-3.8290

■ 0.0000, 0.0000,
0.0000

■ 169.6490, 28.7670,
-80.3762

■ 169.6490, 28.7670,
-80.3762

■ 161.0110, 33.0256,
-92.9716

■ 178.2870, 24.5085,
-67.7807

■ 151.7860, 37.5735,
-105.0523

■ 187.5120, 19.9606,
-55.7000

■ 143.4470, 41.6846,
-117.0330

■ 195.8510, 15.8495,
-43.7193

■ 139.2830, 43.7375,
-122.1512

■ 205.0760, 11.3015,
-31.6387

■ 213.7140, 7.0430,
-19.0432

■ 222.9390, 2.4951,
-6.9625

■ 231.5770, -1.7635,
5.6330

■ 239.0080, -5.4269,
14.0250

■ 240.7690, -6.2951,
12.4806

Harmonies

Analogous

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



171.4750, 12.5838, -69.6996



169.6490, 28.7670, -80.3762



177.7900, 35.1065, -60.3288

Triad

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



169.6490, 28.7670, -80.3762



194.1740, 9.7742, 38.4354



186.3630, -30.7450, 14.5906

Complementary

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



169.6490, 28.7670, -80.3762



136.3510, -28.7670, 80.3762

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.



189.1470, -29.6525, 37.5821



169.6490, 28.7670, -80.3762



192.5490, -5.6937, 53.0155

Square

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



169.6490, 28.7670, -80.3762



193.1410, 23.1015, 10.4003



191.0530, -20.2391, 51.6965



182.3640, -22.3645, -13.4742

Rectangle

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



169.6490, 28.7670, -80.3762



184.7050, 34.1624, -37.4523



191.0530, -20.2391, 51.6965



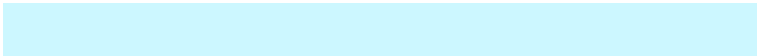
187.0050, -31.0615, 22.7976

Sweetspot

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



169.6490, 28.7670, -80.3762



235.0550, 9.8329, -27.2352



168.6720, -33.3623, -79.5193



115.7960, 6.0166, -16.4841



0.0000, 0.0000, 0.0000



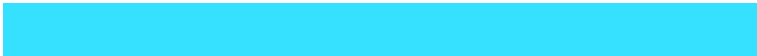
128.0000, 0.0000, 0.0000

Same Dimension

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



169.6490, 28.7670, -80.3762



176.7040, 38.5999, -107.6114



126.2110, 50.1820, -42.2810



110.2380, 2.3477, -6.3477



109.0430, 34.4888, -95.6307



31.0550, 9.8329, -27.2352

Inverse Universe

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



137.3280, 33.3623, 79.5193



133.4790, 44.6269, 106.5739



180.3760, -50.4714, 41.7662



107.7280, 2.5991, 6.3775



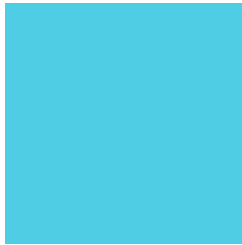
70.7350, 39.5706, 94.9484



20.1510, 11.2646, 27.0546

Previews

White Background



This preview shows how the YUV color 169.6490, 28.7670, -80.3762 looks on a white background.

Color Contrast Check

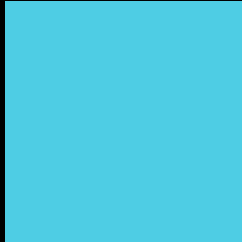
Large Text (above 18pt) WCAG AA × Fail

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 169.6490, 28.7670, -80.3762 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 169.6490, 28.7670, -80.3762

Background



This preview shows how black text looks on a background with the YUV color 169.6490, 28.7670, -80.3762.



This preview shows how white text looks on a background with the YUV color 169.6490, 28.7670, -80.3762.

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

169.6490, 28.7670, -80.3762

Protanopia

188.4090, 13.1094, -4.7437

Deuteranopia

189.2870, 21.5505, -5.5137



Tritanopia

168.7690, 26.7359, -82.2354

Trichromacy



Original Color

169.6490, 28.7670, -80.3762



Protanomaly

181.7260, 18.8691, -32.2087



Deuteranomaly

182.3930, 23.9633, -32.7937



Tritanomaly

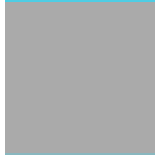
169.2960, 27.4621, -81.8206

Monochromacy



Original Color

169.6490, 28.7670, -80.3762



Achromatopsia

170.0000, 0.0000, 0.0000



Achromatomaly

170.1580, 10.2751, -29.0796

CSS Examples

Text

The CSS property to change the color of the text to YUV 169.6490, 28.7670, -80.3762 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(78, 205, 228)` looks like.

```
.text, #text, p{  
    color:rgb(78, 205, 228)  
}
```

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(78, 205, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 205, 228) }
```

Border

The CSS property to change the border of an element to YUV 169.6490, 28.7670, -80.3762 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(78, 205, 228) }
```


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

```
.border{ border-color:rgb(78, 205, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(78, 205, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 205, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 205, 228);  
box-shadow:4px 4px 4px 4px rgb(78, 205,  
228) }
```

Background

The CSS property to change the background color of an element to YUV 169.6490, 28.7670, -80.3762 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 205, 228) }
```

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

```
.background{ background-color: rgb(78, 205,  
228) }
```

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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