

Converting Colors

YUV(170.9690, 30.0883,
-84.1648)

Have a look what the booklet for
YUV(170.9690, 30.0883, -84.1648)
contains.

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Color

**YUV(170.9690, 30.0883,
-84.1648)**

Conversions

Conversions Part 1

Format	Color
Hex	4BD0E8
RGB	75, 208, 232
RGB Percent	29%, 82%, 91%
CMY	0.7059, 0.1843, 0.0902
CMYK	0.68, 0.10, 0.00, 0.09
HSL	189°, 77%, 60%
HSV	189°, 68%, 91%
XYZ	40.0230, 52.4338, 84.3552
YIQ	170.9690, -86.9720, -20.7320

Conversions

Conversions Part 2

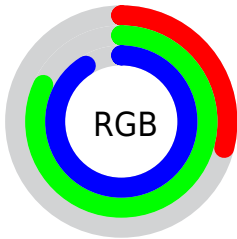
Format	Color
RYB	75, 147, 232
Decimal	4968680
CIELab	77.54, -28.42, -22.41
CIELCh	78, 36.195, 218.259
Yxy	52.4338, 0.2264, 0.2966
Android (android.graphics.Color)	4283158760 (0xFF4BD0E8)
YUV	170.9690, 30.0883, -84.1648
Hunter-Lab	72.4112, -28.0593, -18.3819

Details

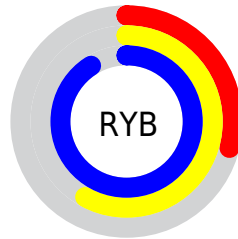
The YUV color **170.9690, 30.0883, -84.1648** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **136.0310, -30.0883, 84.1648**, and the grayscale version is **171.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **220.9140, 16.8044, -70.0846**, and **109.8750, 32.5996, -96.3604** is the 20% darker color. If you saturate the color by 10%, you get **161.7440, 34.6362, -96.2455**, and if you desaturate by 10%, it is **180.1940, 25.5404, -72.0841**.

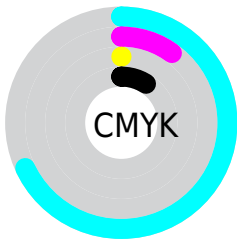
Distribution



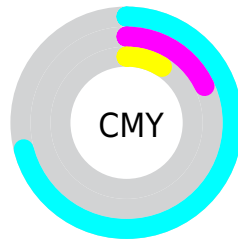
- Red (29%)
- Green (82%)
- Blue (91%)



- Red (29%)
- Yellow (58%)
- Blue (91%)



- Cyan (68%)
- Magenta (10%)
- Yellow (0%)
- Black (9%)



- Cyan (71%)
- Magenta (18%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YUV color 170.9690, 30.0883, -84.1648 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 170.9690, 30.0883, -84.1648 by changing the saturation by 10% instead.

170.9690, 30.0883,
-84.1648

170.9690, 30.0883,
-84.1648

255.0000, 0.0000,
0.0000

137.2880, 32.8890,
-95.8456

220.9140, 16.8044,
-70.0846

109.8750, 32.5996,
-96.3604

230.1830, 12.2348,
-51.0265

91.6490, 28.7670,
-80.3762

239.4520, 7.6652,
-31.9684

74.0100, 24.6451,
-64.9068

248.7210, 3.0955,
-12.9103

56.4850, 20.9599,
-49.5373

40.2480, 17.1327,
-35.2975

25.8860, 12.8742,

-22.7020

■ 4.7080, 12.9620,
-4.1289

■ 0.2280, 0.8736,
-0.2000

■ 170.9690, 30.0883,
-84.1648

■ 170.9690, 30.0883,
-84.1648

■ 161.7440, 34.6362,
-96.2455

■ 180.1940, 25.5404,
-72.0841

■ 153.1060, 38.8947,
-108.8410

■ 188.8320, 21.2818,
-59.4887

■ 143.5820, 43.5901,
-121.5364

■ 198.3560, 16.5865,
-46.7932

■ 142.0870, 44.3271,
-124.6103

■ 206.9940, 12.3280,
-34.1977

■ 216.2190, 7.7800,
-22.1171

■ 224.8570, 3.5215,
-9.5216

■ 234.0820, -1.0264,
2.5591

■ 241.2250, -4.5479,
12.0807

■ 243.5730, -5.7055,
10.0215

Harmonies

Analogous

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



172.9800, 13.3209, -72.7735



170.9690, 30.0883, -84.1648



179.7080, 36.1330, -62.8879

Triad

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



170.9690, 30.0883, -84.1648



196.8860, 9.9162, 39.5650



188.8360, -31.4711, 14.1758

Complementary

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



170.9690, 30.0883, -84.1648



136.0310, -30.0883, 84.1648

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.



191.3320, -30.2367, 38.2968



170.9690, 30.0883, -84.1648



194.5490, -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.



170.9690, 30.0883, -84.1648



195.6680, 23.8277, 10.8152



193.6510, -20.5339, 52.9261



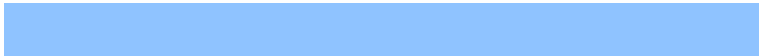
184.8370, -23.0906, -13.8890

Rectangle

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



170.9690, 30.0883, -84.1648



186.2920, 33.8730, -37.9671



193.6510, -20.5339, 52.9261



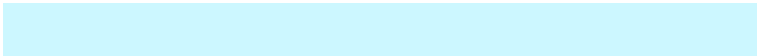
189.6630, -32.3719, 23.0975

Sweetspot

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



170.9690, 30.0883, -84.1648



235.0550, 9.8329, -27.2352



169.8950, -34.9512, -83.2229



115.7960, 6.0166, -16.4841



0.0000, 0.0000, 0.0000



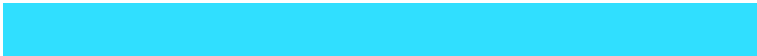
128.0000, 0.0000, 0.0000

Same Dimension

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



170.9690, 30.0883, -84.1648



174.3230, 39.7738, -110.7853



125.1830, 52.6608, -44.0105



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.



137.1050, 34.9512, 83.2229



129.8430, 45.9264, 109.7627



181.8170, -52.6608, 44.0105



107.7280, 2.5991, 6.3775



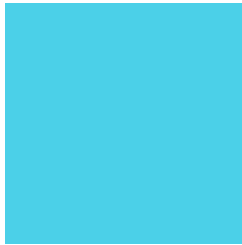
70.7350, 39.5706, 94.9484



20.1510, 11.2646, 27.0546

Previews

White Background



This preview shows how the YUV color 170.9690, 30.0883, -84.1648 looks on a white background.

Color Contrast Check

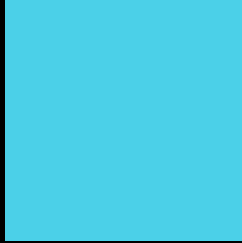
Large Text (above 18pt) WCAG AA × Fail

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 170.9690, 30.0883, -84.1648 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 170.9690, 30.0883, -84.1648 Background



This preview shows how black text looks on a background with the YUV color 170.9690, 30.0883, -84.1648.



This preview shows how white text looks on a background with the YUV color 170.9690, 30.0883, -84.1648.

-84.1648.

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

170.9690, 30.0883, -84.1648

Protanopia

191.2240, 13.6936, -5.4584

Deuteranopia

191.5150, 22.4241, -5.7137



Tritanopia

169.9750, 27.6203, -85.9241

Trichromacy



Original Color

170.9690, 30.0883, -84.1648

Protanomaly

183.9430, 19.7481, -34.1530

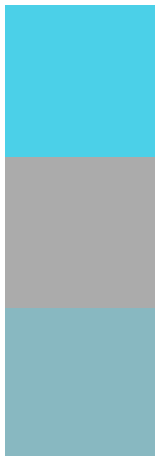
Deuteranomaly

184.0230, 25.1317, -34.2232

Tritanomaly

170.5020, 28.3465, -85.5093

Monochromacy



Original Color

170.9690, 30.0883, -84.1648

Achromatopsia

171.0000, 0.0000, 0.0000

Achromatomaly

170.6740, 11.0067, -30.4091

CSS Examples

Text

The CSS property to change the color of the text to YUV 170.9690, 30.0883, -84.1648 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(75, 208, 232)` looks like.

```
.text, #text, p{  
    color:rgb(75, 208, 232)  
}
```

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(75, 208, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 208, 232) }
```

Border

The CSS property to change the border of an element to YUV 170.9690, 30.0883, -84.1648 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(75, 208, 232) }
```


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

```
.border{ border-color:rgb(75, 208, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 208, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 208, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 208, 232);  
box-shadow:4px 4px 4px 4px rgb(75, 208,  
232) }
```

Background

The CSS property to change the background color of an element to YUV 170.9690, 30.0883, -84.1648 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 208, 232) }
```

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

```
.background{ background-color: rgb(75, 208,  
232) }
```

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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