

Converting Colors

YUV(170.4530, 29.3567,
-82.8353)

Have a look what the booklet for
YUV(170.4530, 29.3567, -82.8353)
contains.

YUV(170.4530, 29.3567, -82.8353)	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(170.4530, 29.3567,
-82.8353)**

Conversions

Conversions Part 1

Format	Color
Hex	4CCFE6
RGB	76, 207, 230
RGB Percent	30%, 81%, 90%
CMY	0.7020, 0.1882, 0.0980
CMYK	0.67, 0.10, 0.00, 0.10
HSL	189°, 75%, 60%
HSV	189°, 67%, 90%
XYZ	39.5762, 51.8753, 82.7900
YIQ	170.4530, -85.4590, -20.6190

Conversions

Conversions Part 2

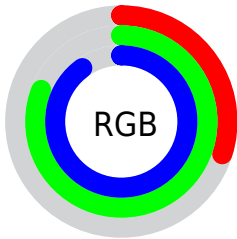
Format	Color
RYB	76, 147, 230
Decimal	5033958
CIELab	77.21, -28.38, -21.84
CIELCh	77, 35.817, 217.581
Yxy	51.8753, 0.2271, 0.2977
Android (android.graphics.Color)	4283224038 (0xFF4CCFE6)
YUV	170.4530, 29.3567, -82.8353
Hunter-Lab	72.0245, -27.9602, -17.7349

Details

The YUV color **170.4530, 29.3567, -82.8353** 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 **135.5470, -29.3567, 82.8353**, and the grayscale version is **170.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **221.2130, 16.6570, -69.4698**, and **109.0600, 32.0154, -95.6456** is the 20% darker color. If you saturate the color by 10%, you get **161.8150, 33.6152, -95.4308**, and if you desaturate by 10%, it is **179.0910, 25.0981, -70.2398**.

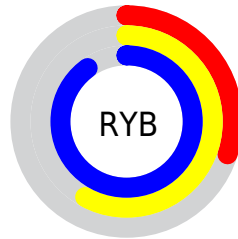
Distribution



Red (30%)

Green (81%)

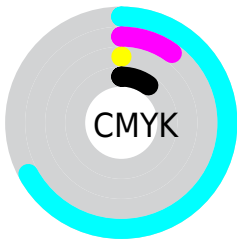
Blue (90%)



Red (30%)

Yellow (58%)

Blue (90%)

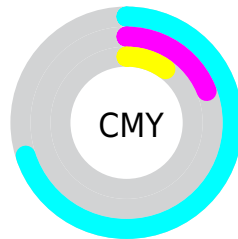


Cyan (67%)

Magenta (10%)

Yellow (0%)

Black (10%)



Cyan (70%)

Magenta (19%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YUV color 170.4530, 29.3567, -82.8353 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 170.4530, 29.3567, -82.8353 by changing the saturation by 10% instead.

■ 170.4530, 29.3567,
-82.8353

■ 170.4530, 29.3567,
-82.8353

■ 255.0000, 0.0000,
0.0000

■ 137.3700, 31.8626,
-93.2865

■ 221.2130, 16.6570,
-69.4698

■ 109.0600, 32.0154,
-95.6456

■ 230.4820, 12.0874,
-50.4117

■ 90.8340, 28.1828,
-79.6614

■ 239.4520, 7.6652,
-31.9684

■ 73.1950, 24.0609,
-64.1920

■ 248.7210, 3.0955,
-12.9103

■ 55.6700, 20.3757,
-48.8226

■ 39.4330, 16.5485,
-34.5827

■ 25.6580, 12.0006,

-22.5021

■ 4.5940, 12.5252,
-4.0289

■ 0.0000, 0.0000,
0.0000

■ 170.4530, 29.3567,
-82.8353

■ 170.4530, 29.3567,
-82.8353

■ 161.8150, 33.6152,
-95.4308

■ 179.0910, 25.0981,
-70.2398

■ 152.5900, 38.1631,
-107.5114

■ 188.3160, 20.5502,
-58.1591

■ 143.9520, 42.4217,
-120.1069

■ 196.9540, 16.2917,
-45.5637

■ 141.2720, 43.7429,
-123.8955

■ 206.1790, 11.7438,
-33.4830

■ 214.8170, 7.4852,
-20.8875

■ 224.0420, 2.9373,
-8.8068

■ 232.6800, -1.3212,
3.7886

■ 239.8230, -4.8427,
13.3102

■ 242.1710, -6.0003,
11.2510

Harmonies

Analogous

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



172.7630, 12.4418, -70.8292



170.4530, 29.3567, -82.8353



178.8930, 35.5488, -62.1732

Triad

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



170.4530, 29.3567, -82.8353



195.7010, 10.5004, 38.8502



187.5480, -31.3292, 15.3054

Complementary

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



170.4530, 29.3567, -82.8353



135.5470, -29.3567, 82.8353

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.



190.7450, -29.9473, 38.8116



170.4530, 29.3567, -82.8353



193.9620, -5.4043, 53.5303

Square

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



170.4530, 29.3567, -82.8353



194.3690, 23.9751, 10.2004



192.7650, -20.0971, 52.8261



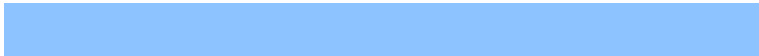
184.1360, -23.2380, -13.2743

Rectangle

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



170.4530, 29.3567, -82.8353



185.6940, 34.1679, -39.1966



192.7650, -20.0971, 52.8261



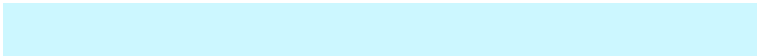
189.0760, -32.0825, 23.6123

Sweetspot

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



170.4530, 29.3567, -82.8353



235.0550, 9.8329, -27.2352



168.7920, -35.3935, -81.3786



115.7960, 6.0166, -16.4841



0.0000, 0.0000, 0.0000



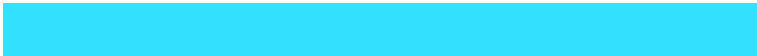
128.0000, 0.0000, 0.0000

Same Dimension

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



170.4530, 29.3567, -82.8353



176.3940, 38.7528, -109.9705



126.4280, 51.0610, -44.2254



110.2380, 2.3477, -6.3477



109.6300, 34.1994, -96.1455



31.0550, 9.8329, -27.2352

Inverse Universe

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



136.9800, 34.5199, 81.5785



131.8320, 45.9318, 108.0183



179.5720, -51.0610, 44.2254



107.7280, 2.5991, 6.3775



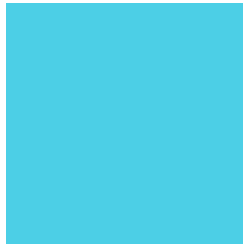
70.8490, 40.0074, 94.8484



20.1510, 11.2646, 27.0546

Previews

White Background



This preview shows how the YUV color 170.4530, 29.3567, -82.8353 looks on a white background.

Color Contrast Check

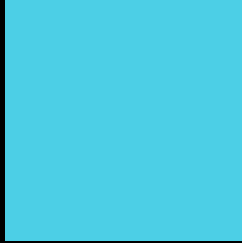
Large Text (above 18pt) WCAG AA × Fail

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 170.4530, 29.3567, -82.8353 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

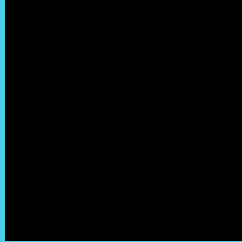
Any Text WCAG AA ✓ Pass

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 170.4530, 29.3567, -82.8353 Background



This preview shows how black text looks on a background with the YUV color 170.4530, 29.3567, -82.8353.



This preview shows how white text looks on a background with the YUV color 170.4530, 29.3567, -82.8353.

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

170.4530, 29.3567, -82.8353

Protanopia

190.1100, 13.2568, -5.3585

Deuteranopia

190.4010, 21.9873, -5.6137



Tritanopia

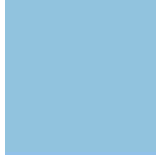
169.5730, 27.3255, -84.6945

Trichromacy



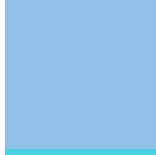
Original Color

170.4530, 29.3567, -82.8353



Protanomaly

183.1280, 19.1639, -33.4383



Deuteranomaly

183.2080, 24.5475, -33.5084



Tritanomaly

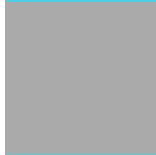
170.1000, 28.0517, -84.2797

Monochromacy



Original Color

170.4530, 29.3567, -82.8353



Achromatopsia

170.0000, 0.0000, 0.0000



Achromatomaly

169.9730, 10.8593, -29.7943

CSS Examples

Text

The CSS property to change the color of the text to YUV 170.4530, 29.3567, -82.8353 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(76, 207, 230)` looks like.

```
.text, #text, p{  
    color:rgb(76, 207, 230)  
}
```

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(76, 207, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 207, 230) }
```

Border

The CSS property to change the border of an element to YUV 170.4530, 29.3567, -82.8353 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(76, 207, 230) }
```


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

```
.border{ border-color:rgb(76, 207, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 207, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 207, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 207, 230);  
box-shadow:4px 4px 4px 4px rgb(76, 207,  
230) }
```

Background

The CSS property to change the background color of an element to YUV 170.4530, 29.3567, -82.8353 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 207, 230) }
```

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

```
.background{ background-color: rgb(76, 207,  
230) }
```

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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