

Converting Colors

YUV(170.0800, 41.8656,
-81.6312)

Have a look what the booklet for
YUV(170.0800, 41.8656, -81.6312)
contains.

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Color

**YUV(170.0800, 41.8656,
-81.6312)**

Conversions

Conversions Part 1

Format	Color
Hex	4DC9FF
RGB	77, 201, 255
RGB Percent	30%, 79%, 100%
CMY	0.6980, 0.2118, 0.0000
CMYK	0.70, 0.21, 0.00, 0.00
HSL	198°, 100%, 65%
HSV	198°, 70%, 100%
XYZ	41.9972, 50.5711, 102.1554
YIQ	170.0800, -91.2380, -9.4940

Conversions

Conversions Part 2

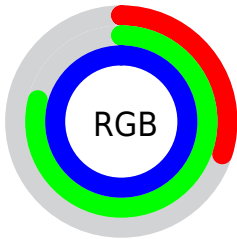
Format	Color
RYB	77, 150, 255
Decimal	5097983
CIELab	76.42, -17.53, -36.45
CIElCh	76, 40.445, 244.321
Yxy	50.5711, 0.2157, 0.2597
Android (android.graphics.Color)	4283288063 (0xFF4DC9FF)
YUV	170.0800, 41.8656, -81.6312
Hunter-Lab	71.1133, -19.0321, -35.3917

Details

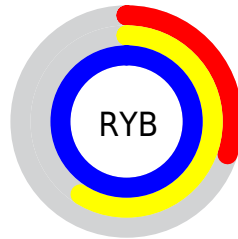
The YUV color **170.0800, 41.8656, -81.6312** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light washed cyan. A complement of this color would be **161.9200, -41.8656, 81.6312**, and the grayscale version is **170.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **222.1100, 16.2148, -67.6255**, and **108.8610, 43.9455, -95.4711** is the 20% darker color. If you saturate the color by 10%, you get **157.9090, 47.8659, -92.8822**, and if you desaturate by 10%, it is **182.5500, 35.7179, -69.7653**.

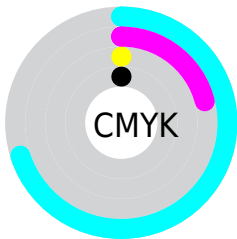
Distribution



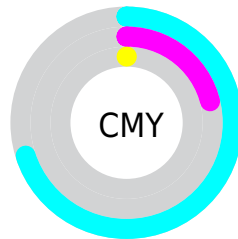
- Red (30%)
- Green (79%)
- Blue (100%)



- Red (30%)
- Yellow (59%)
- Blue (100%)



- Cyan (70%)
- Magenta (21%)
- Yellow (0%)
- Black (0%)



- Cyan (70%)
- Magenta (21%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 170.0800, 41.8656, -81.6312 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 170.0800, 41.8656, -81.6312 by changing the saturation by 10% instead.

■ 170.0800, 41.8656,
-81.6312

■ 170.0800, 41.8656,
-81.6312

■ 255.0000, 0.0000,
0.0000

■ 136.2740, 44.2349,
-94.9563

■ 222.1100, 16.2148,
-67.6255

■ 108.8610, 43.9455,
-95.4711

■ 231.3790, 11.6452,
-48.5674

■ 90.5210, 39.6761,
-79.3869

■ 240.6480, 7.0755,
-29.5093

■ 72.7680, 35.1174,
-63.8175

■ 250.2160, 2.3585,
-9.8364

■ 56.3030, 30.4166,
-49.3777

■ 39.9520, 26.1527,
-35.0379

■ 25.4760, 21.4573,

-22.3425

■ 7.5920, 18.9351,
-6.6582

■ 3.4370, 10.6306,
-3.0142

■ 170.0800, 41.8656,
-81.6312

■ 170.0800, 41.8656,
-81.6312

■ 157.9090, 47.8659,
-92.8822

■ 182.5500, 35.7179,
-69.7653

■ 146.0260, 53.7242,
-105.2628

■ 194.1340, 30.0069,
-57.9995

■ 133.8550, 59.7245,
-116.5138

■ 206.6040, 23.8592,
-46.1337

■ 133.5560, 59.8719,
-117.1286

■ 218.7750, 17.8589,
-34.8827

■ 231.2450, 11.7112,
-23.0169

■ 242.8290, 6.0003,
-11.2510

255.0000, 0.0000,
0.0000

Harmonies

Analogous

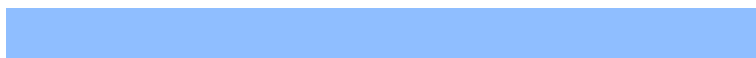
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



155.3890, 36.2902, -113.4742



170.0800, 41.8656, -81.6312



183.3570, 35.3200, -35.3931

Triad

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



170.0800, 41.8656, -81.6312



190.5540, -3.2311, 56.5191



181.2950, -27.7534, -11.6597

Complementary

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



170.0800, 41.8656, -81.6312



161.9200, -41.8656, 81.6312

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.



185.4300, -35.7080, 19.7939



170.0800, 41.8656, -81.6312



189.3850, -20.4028, 57.5444

Square

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



170.0800, 41.8656, -81.6312



193.9230, 13.8420, 40.4095



188.3930, -32.7317, 45.2593



175.3690, -10.0419, -45.9276

Rectangle

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



170.0800, 41.8656, -81.6312



190.0340, 32.0282, -6.1688



188.3930, -32.7317, 45.2593



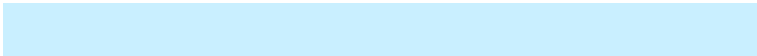
183.0360, -31.5697, -0.9086

Sweetspot

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



170.0800, 41.8656, -81.6312



229.4620, 12.5902, -24.9612



187.5280, -28.3613, -96.9331



112.5620, 7.6109, -14.5249



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.



170.0800, 41.8656, -81.6312



152.8590, 50.3555, -98.1003



118.4240, 67.3320, -36.3288



121.7650, 3.0739, -5.9329



99.8450, 44.9394, -87.5641



33.1240, 15.2219, -29.0497

Inverse Universe

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



144.3580, 27.9245, 97.0330



121.9720, 33.5378, 116.6656



213.5760, -67.3320, 36.3288



119.9130, 2.0149, 7.0923



72.2710, 29.9394, 104.1253



24.1520, 9.7851, 34.9467

Previews

White Background



This preview shows how the YUV color 170.0800, 41.8656, -81.6312 looks on a white background.

Color Contrast Check

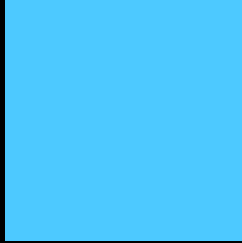
Large Text (above 18pt) WCAG AA × Fail

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 170.0800, 41.8656, -81.6312 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

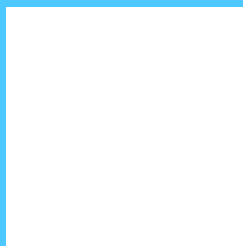
Any Text WCAG AAA ✓ Pass

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

YUV 170.0800, 41.8656, -81.6312 Background



This preview shows how black text looks on a background with the YUV color 170.0800, 41.8656, -81.6312.

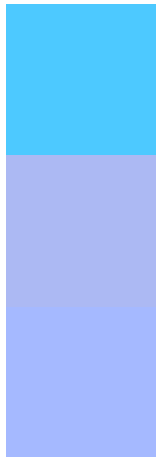


This preview shows how white text looks on a background with the YUV color 170.0800, 41.8656, -81.6312.

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

170.0800, 41.8656, -81.6312

Protanopia

187.7250, 27.2506, -13.7908

Deuteranopia

187.0000, 33.5240, -19.2940



Tritanopia

163.3760, 29.3946, -95.0458

Trichromacy



Original Color

170.0800, 41.8656, -81.6312



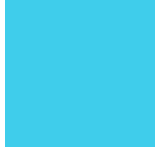
Protanomaly

181.2380, 32.4207, -38.7967



Deuteranomaly

180.9540, 36.5047, -42.0557



Tritanomaly

165.9620, 34.0357, -90.2977

Monochromacy



Original Color

170.0800, 41.8656, -81.6312



Achromatopsia

170.0000, 0.0000, 0.0000



Achromatomaly

169.8250, 15.3693, -29.6645

CSS Examples

Text

The CSS property to change the color of the text to YUV 170.0800, 41.8656, -81.6312 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(77, 201, 255)` looks like.

```
.text, #text, p{  
    color:rgb(77, 201, 255)  
}
```

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(77, 201, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 201, 255) }
```

Border

The CSS property to change the border of an element to YUV 170.0800, 41.8656, -81.6312 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(77, 201, 255) }
```


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

```
.border{ border-color:rgb(77, 201, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 201, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 201, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 201, 255);  
box-shadow:4px 4px 4px 4px rgb(77, 201,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 170.0800, 41.8656, -81.6312 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 201, 255) }
```

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

```
.background{ background-color: rgb(77, 201,  
255) }
```

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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