

Converting Colors

YUV(181.7170, 35.6355,
-90.0828)

Have a look what the booklet for
YUV(181.7170, 35.6355, -90.0828)
contains.

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Color

**YUV(181.7170, 35.6355,
-90.0828)**

Conversions

Conversions Part 1

Format	Color
Hex	4FDCFE
RGB	79, 220, 254
RGB Percent	31%, 86%, 100%
CMY	0.6902, 0.1373, 0.0039
CMYK	0.69, 0.13, 0.00, 0.00
HSL	192°, 99%, 65%
HSV	192°, 69%, 100%
XYZ	46.7070, 60.0044, 102.8862
YIQ	181.7170, -94.9500, -19.3180

Conversions

Conversions Part 2

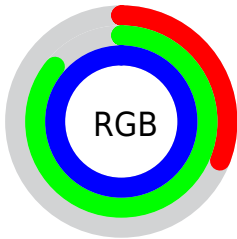
Format	Color
RYB	79, 157, 254
Decimal	5233918
CIELab	81.84, -27.16, -27.57
CIELCh	82, 38.701, 225.425
Yxy	60.0044, 0.2228, 0.2863
Android (android.graphics.Color)	4283423998 (0xFF4FDCFE)
YUV	181.7170, 35.6355, -90.0828
Hunter-Lab	77.4625, -27.9305, -24.5256

Details

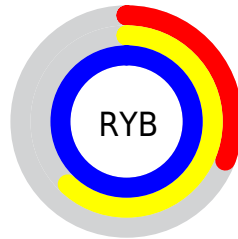
The YUV color **181.7170, 35.6355, -90.0828** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light washed cyan. A complement of this color would be **151.2830, -35.6355, 90.0828**, and the grayscale version is **181.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **222.7080, 15.9200, -66.3959**, and **119.3130, 38.2997, -104.6375** is the 20% darker color. If you saturate the color by 10%, you get **171.3070, 40.7676, -102.8782**, and if you desaturate by 10%, it is **192.1270, 30.5034, -77.2874**.

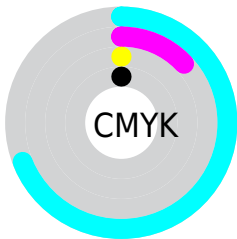
Distribution



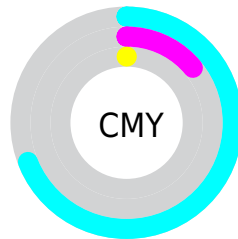
- Red (31%)
- Green (86%)
- Blue (100%)



- Red (31%)
- Yellow (62%)
- Blue (100%)



- Cyan (69%)
- Magenta (13%)
- Yellow (0%)
- Black (0%)



- Cyan (69%)
- Magenta (14%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 181.7170, 35.6355, -90.0828 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 181.7170, 35.6355, -90.0828 by changing the saturation by 10% instead.

181.7170, 35.6355,
-90.0828

181.7170, 35.6355,
-90.0828

255.0000, 0.0000,
0.0000

147.3240, 38.2943,
-102.8931

222.7080, 15.9200,
-66.3959

119.3130, 38.2997,
-104.6375

232.2760, 11.2029,
-46.7231

100.3860, 34.3197,
-88.0385

241.5450, 6.6333,
-27.6650

82.0460, 30.0503,
-71.9543

250.8140, 2.0637,
-8.6069

65.1080, 26.0758,
-57.0997

48.1700, 22.1012,
-42.2451

32.5200, 17.9846,

-28.5200

■ 14.1630, 16.1886,
-12.4210

■ 3.4370, 10.6306,
-3.0142

■ 181.7170, 35.6355,
-90.0828

■ 181.7170, 35.6355,
-90.0828

■ 171.3070, 40.7676,
-102.8782

■ 192.1270, 30.5034,
-77.2874

■ 160.5980, 46.0472,
-116.2884

■ 202.8360, 25.2239,
-63.8772

■ 150.1880, 51.1793,
-129.0839

■ 213.2460, 20.0917,
-51.0817

■ 149.2910, 51.6215,
-130.9282

■ 223.9550, 14.8122,
-37.6715

■ 234.3650, 9.6801,
-24.8761

■ 244.7750, 4.5479,
-12.0807

254.8860, -0.4368,
0.1000

Harmonies

Analogous

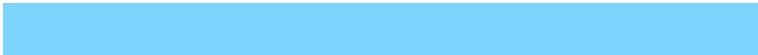
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



181.2110, 19.6160, -85.2540



181.7170, 35.6355, -90.0828



190.8890, 31.6067, -57.7847

Triad

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



181.7170, 35.6355, -90.0828



206.1530, 8.3056, 42.8388



199.1620, -32.6179, 8.6279

Complementary

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



181.7170, 35.6355, -90.0828



151.2830, -35.6355, 90.0828

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.



202.6970, -33.8676, 36.2227



181.7170, 35.6355, -90.0828



200.7610, -7.2772, 47.5676

Square

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



181.7170, 35.6355, -90.0828



207.9080, 23.2164, 20.2517



201.1080, -23.7172, 47.2633



194.8250, -21.6057, -23.5255

Rectangle

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



181.7170, 35.6355, -90.0828



198.4410, 27.8836, -30.2048



201.1080, -23.7172, 47.2633



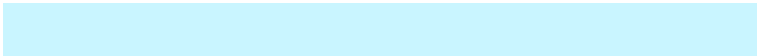
200.4730, -34.2502, 18.8792

Sweetspot

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



181.7170, 35.6355, -90.0828



232.9840, 10.8539, -28.0500



185.3730, -36.6659, -93.2891



114.3230, 6.7428, -16.0693



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.



181.7170, 35.6355, -90.0828



167.5450, 43.1153, -109.2260



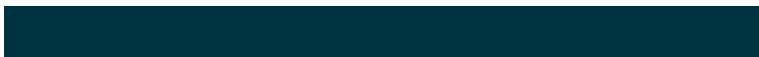
131.2350, 60.5231, -45.8101



122.3520, 2.7845, -6.4477



112.1720, 38.8622, -98.3748



37.2330, 13.1961, -32.6533

Inverse Universe

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



147.3990, 35.7923, 93.4891



125.8820, 43.4422, 113.2365



201.7650, -60.5231, 45.8101



120.0270, 2.4517, 6.9923



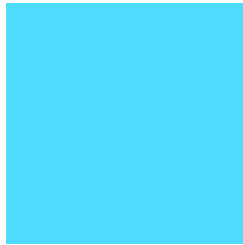
74.6650, 39.1122, 102.0258



24.9500, 12.8427, 34.2468

Previews

White Background



This preview shows how the YUV color 181.7170, 35.6355, -90.0828 looks on a white background.

Color Contrast Check

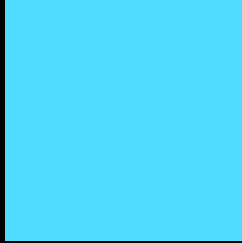
Large Text (above 18pt) WCAG AA × Fail

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 181.7170, 35.6355, -90.0828 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 181.7170, 35.6355, -90.0828

Background



This preview shows how black text looks on a background with the YUV color 181.7170, 35.6355, -90.0828.

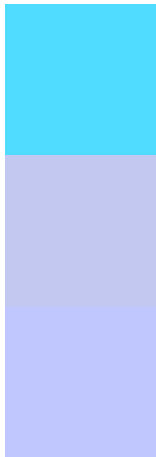


This preview shows how white text looks on a background with the YUV color 181.7170, 35.6355,

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

181.7170, 35.6355, -90.0828

Protanopia

202.7660, 18.3564, -7.6878

Deuteranopia

203.2910, 25.4925, -9.9022



Tritanopia

178.9030, 30.1208, -94.6309

Trichromacy



Original Color

181.7170, 35.6355, -90.0828

Protanomaly

194.8870, 24.7057, -37.6119

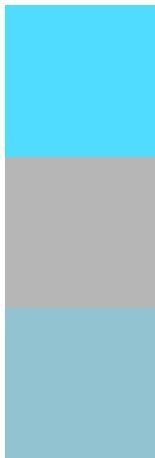
Deuteranomaly

195.7280, 29.2211, -39.2265

Tritanomaly

179.7830, 32.1520, -92.7717

Monochromacy



Original Color

181.7170, 35.6355, -90.0828

Achromatopsia

182.0000, 0.0000, 0.0000

Achromatomaly

182.1190, 12.7593, -32.5534

CSS Examples

Text

The CSS property to change the color of the text to YUV 181.7170, 35.6355, -90.0828 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(79, 220, 254)` looks like.

```
.text, #text, p{  
    color:rgb(79, 220, 254)  
}
```

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(79, 220, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 220, 254) }
```

Border

The CSS property to change the border of an element to YUV 181.7170, 35.6355, -90.0828 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(79, 220, 254) }
```


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

```
.border{ border-color:rgb(79, 220, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 220, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 220, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 220, 254);  
box-shadow:4px 4px 4px 4px rgb(79, 220,  
254) }
```

Background

The CSS property to change the background color of an element to YUV 181.7170, 35.6355, -90.0828 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 220, 254) }
```

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

```
.background{ background-color: rgb(79, 220,  
254) }
```

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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