

Converting Colors

YUV(163.0820, 35.4556,
-79.0019)

Have a look what the booklet for
YUV(163.0820, 35.4556, -79.0019)
contains.

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Color

**YUV(163.0820, 35.4556,
-79.0019)**

Conversions

Conversions Part 1

Format	Color
Hex	49C3EB
RGB	73, 195, 235
RGB Percent	29%, 76%, 92%
CMY	0.7137, 0.2353, 0.0784
CMYK	0.69, 0.17, 0.00, 0.08
HSL	195°, 80%, 60%
HSV	195°, 69%, 92%
XYZ	37.2582, 46.4448, 85.5983
YIQ	163.0820, -85.5520, -13.4240

Conversions

Conversions Part 2

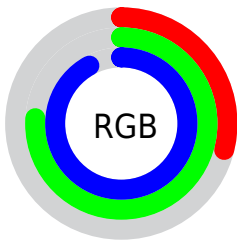
Format	Color
R_{YB}	73, 143, 235
Decimal	4834283
CIE _{Lab}	73.83, -21.28, -29.70
CIE _{LCh}	74, 36.539, 234.376
Yxy	46.4448, 0.2201, 0.2743
Android (android.graphics.Color)	4283024363 (0xFF49C3EB)
YUV	163.0820, 35.4556, -79.0019
Hunter-Lab	68.1505, -21.6765, -26.7641

Details

The YUV color **163.0820, 35.4556, -79.0019** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light muted cyan. A complement of this color would be **144.9180, -35.4556, 79.0019**, and the grayscale version is **163.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **218.5550, 17.9674, -69.7697**, and **103.1730, 37.3827, -90.4827** is the 20% darker color. If you saturate the color by 10%, you get **152.6830, 40.5823, -90.0530**, and if you desaturate by 10%, it is **173.7800, 30.1815, -67.3361**.

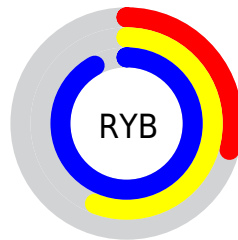
Distribution



Red (29%)

Green (76%)

Blue (92%)



Red (29%)

Yellow (56%)

Blue (92%)

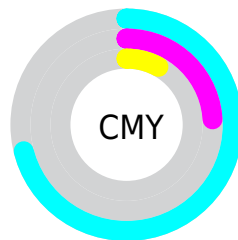


Cyan (69%)

Magenta (17%)

Yellow (0%)

Black (8%)



Cyan (71%)

Magenta (24%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YUV color 163.0820, 35.4556, -79.0019 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 163.0820, 35.4556, -79.0019 by changing the saturation by 10% instead.

■ 163.0820, 35.4556,
-79.0019

■ 163.0820, 35.4556,
-79.0019

255.0000, 0.0000,
0.0000

■ 129.6890, 38.1143,
-91.8123

■ 218.5550, 17.9674,
-69.7697

■ 103.1730, 37.3827,
-90.4827

■ 229.5850, 12.5296,
-52.2560

■ 85.4200, 32.8239,
-74.9133

■ 238.8540, 7.9600,
-33.1980

■ 67.7810, 28.7020,
-59.4439

■ 248.1230, 3.3904,
-14.1399

■ 50.8430, 24.7274,
-44.5893

■ 35.1930, 20.6109,
-30.8643

■ 20.8310, 16.3523,

-18.2688

■ 4.8220, 13.3988,
-4.2289

■ 0.4560, 1.7472,
-0.3999

■ 163.0820, 35.4556,
-79.0019

■ 163.0820, 35.4556,
-79.0019

■ 152.6830, 40.5823,
-90.0530

■ 173.7800, 30.1815,
-67.3361

■ 141.9850, 45.8564,
-101.7188

■ 184.1790, 25.0548,
-56.2850

■ 131.8740, 50.8411,
-113.8995

■ 193.9910, 20.2174,
-44.7191

■ 130.6890, 51.4253,
-114.6143

■ 204.6890, 14.9433,
-33.0533

■ 215.3870, 9.6692,
-21.3874

■ 225.7860, 4.5425,
-10.3363

■ 236.4840, -0.7316,
1.3295

■ 244.5020, -4.6845,
9.2067

■ 248.0240, -6.4208,
6.1180

Harmonies

Analogous

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



158.4650, 24.4208, -86.3538



163.0820, 35.4556, -79.0019



175.1170, 35.9313, -44.8296

Triad

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



163.0820, 35.4556, -79.0019



185.4760, 1.7373, 49.5715



176.5460, -28.3702, -0.4788

Complementary

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



163.0820, 35.4556, -79.0019



144.9180, -35.4556, 79.0019

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.



179.7990, -31.9459, 26.4863



163.0820, 35.4556, -79.0019



183.6820, -14.1402, 55.5299

Square

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



163.0820, 35.4556, -79.0019



186.0570, 17.2269, 28.0140



182.2990, -26.7694, 46.2188



171.5020, -15.0375, -30.2583

Rectangle

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



163.0820, 35.4556, -79.0019



180.9570, 32.0662, -18.3793



182.2990, -26.7694, 46.2188



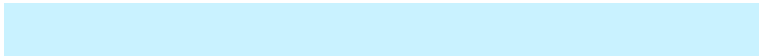
178.0310, -30.5813, 8.7428

Sweetspot

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



163.0820, 35.4556, -79.0019



231.2230, 11.7221, -26.5056



172.4260, -30.2830, -87.1966



113.7360, 7.0322, -15.5545



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.



163.0820, 35.4556, -79.0019



161.0880, 46.2986, -103.5632



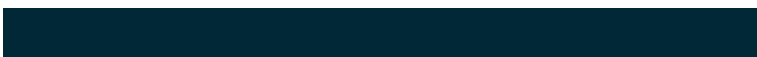
116.7090, 58.3175, -38.3328



111.9500, 2.4897, -5.2181



100.4660, 39.7033, -88.1087



29.6360, 12.0115, -25.9908

Inverse Universe

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



135.3460, 29.4094, 87.3966



124.6280, 38.6374, 114.3362



191.2910, -58.3175, 38.3328



110.2010, 1.8729, 5.9627



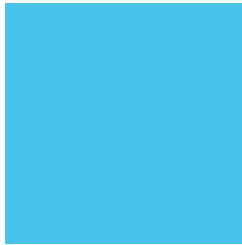
69.6230, 32.7239, 97.6776



20.7060, 9.5119, 29.1988

Previews

White Background



This preview shows how the YUV color 163.0820, 35.4556, -79.0019 looks on a white background.

Color Contrast Check

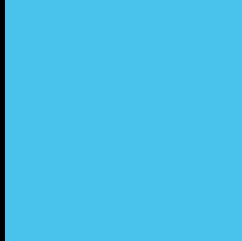
Large Text (above 18pt) WCAG AA × Fail

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 163.0820, 35.4556, -79.0019 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 163.0820, 35.4556, -79.0019

Background



This preview shows how black text looks on a background with the YUV color 163.0820, 35.4556, -79.0019.



This preview shows how white text looks on a background with the YUV color 163.0820, 35.4556, -79.0019.

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

163.0820, 35.4556, -79.0019

Protanopia

180.7380, 20.8352, -9.4172

Deuteranopia

180.4800, 28.8504, -13.5760



Tritanopia

159.2630, 27.4783, -87.0537

Trichromacy



Original Color

163.0820, 35.4556, -79.0019

Protanomaly

174.2510, 26.0053, -34.4231

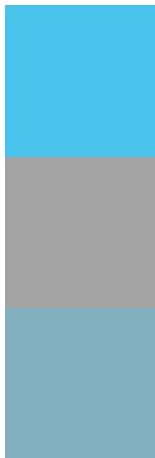
Deuteranomaly

174.6080, 31.2523, -37.3672

Tritanomaly

160.9690, 30.0883, -84.1648

Monochromacy



Original Color

163.0820, 35.4556, -79.0019

Achromatopsia

163.0000, 0.0000, 0.0000

Achromatomaly

163.1410, 12.7485, -29.0647

CSS Examples

Text

The CSS property to change the color of the text to YUV 163.0820, 35.4556, -79.0019 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(73, 195, 235)` looks like.

```
.text, #text, p{  
    color:rgb(73, 195, 235)  
}
```

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(73, 195, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 195, 235) }
```

Border

The CSS property to change the border of an element to YUV 163.0820, 35.4556, -79.0019 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(73, 195, 235) }
```


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

```
.border{ border-color:rgb(73, 195, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(73, 195, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 195, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 195, 235);  
box-shadow:4px 4px 4px 4px rgb(73, 195,  
235) }
```

Background

The CSS property to change the background color of an element to YUV 163.0820, 35.4556, -79.0019 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 195, 235) }
```

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

```
.background{ background-color: rgb(73, 195,  
235) }
```

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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