

Converting Colors

YUV(170.1590, 31.9666,
-79.9464)

Have a look what the booklet for
YUV(170.1590, 31.9666, -79.9464)
contains.

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Color

**YUV(170.1590, 31.9666,
-79.9464)**

Conversions

Conversions Part 1

Format	Color
Hex	4FCCEB
RGB	79, 204, 235
RGB Percent	31%, 80%, 92%
CMY	0.6902, 0.2000, 0.0784
CMYK	0.66, 0.13, 0.00, 0.08
HSL	192°, 80%, 62%
HSV	192°, 66%, 92%
XYZ	39.8127, 50.8462, 86.3132
YIQ	170.1590, -84.4510, -16.8590

Conversions

Conversions Part 2

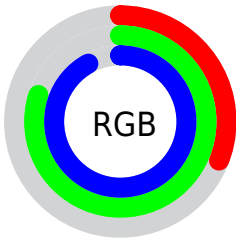
Format	Color
R_{YB}	79, 148, 235
Decimal	5229803
CIE _{Lab}	76.59, -24.97, -25.47
CIE _{LCh}	77, 35.665, 225.568
Yxy	50.8462, 0.2250, 0.2873
Android (android.graphics.Color)	4283419883 (0xFF4FCCEB)
YUV	170.1590, 31.9666, -79.9464
Hunter-Lab	71.3065, -25.1241, -21.8533

Details

The YUV color **170.1590, 31.9666, -79.9464** 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 **143.8410, -31.9666, 79.9464**, and the grayscale version is **170.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **221.8110, 16.3622, -68.2402**, and **108.4560, 34.7782, -95.1159** is the 20% darker color. If you saturate the color by 10%, you get **160.3470, 36.8039, -91.5123**, and if you desaturate by 10%, it is **180.2700, 26.9819, -67.7658**.

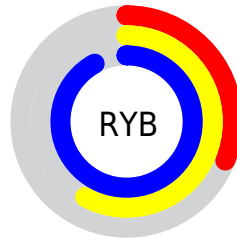
Distribution



Red (31%)

Green (80%)

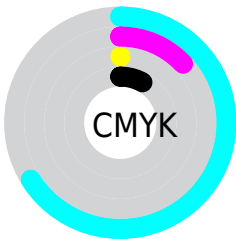
Blue (92%)



Red (31%)

Yellow (58%)

Blue (92%)

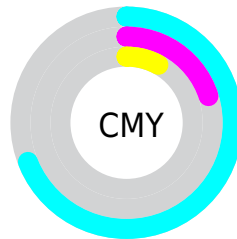


Cyan (66%)

Magenta (13%)

Yellow (0%)

Black (8%)



Cyan (69%)

Magenta (20%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YUV color 170.1590, 31.9666, -79.9464 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 170.1590, 31.9666, -79.9464 by changing the saturation by 10% instead.

■ 170.1590, 31.9666,
-79.9464

■ 170.1590, 31.9666,
-79.9464

■ 255.0000, 0.0000,
0.0000

■ 137.6740, 34.1777,
-89.1681

■ 221.8110, 16.3622,
-68.2402

■ 108.4560, 34.7782,
-95.1159

■ 231.0800, 11.7926,
-49.1822

■ 90.1160, 30.5088,
-79.0317

■ 240.3490, 7.2229,
-30.1241

■ 71.8900, 26.6762,
-63.0475

■ 249.3190, 2.8007,
-11.6808

■ 54.9520, 22.7017,
-48.1929

■ 38.7150, 18.8745,
-33.9531

■ 24.9400, 14.3266,

-21.8724

■ 4.9360, 13.8356,
-4.3289

■ 0.6840, 2.6208,
-0.5999

■ 170.1590, 31.9666,
-79.9464

■ 170.1590, 31.9666,
-79.9464

■ 160.3470, 36.8039,
-91.5123

■ 180.2700, 26.9819,
-67.7658

■ 150.8230, 41.4993,
-104.2078

■ 189.4950, 22.4340,
-55.6851

■ 141.0110, 46.3366,
-115.7736

■ 199.3070, 17.5966,
-44.1192

■ 137.1460, 48.2420,
-120.2770

■ 209.4180, 12.6119,
-31.9386

■ 218.9420, 7.9166,
-19.2431

■ 228.7540, 3.0793,
-7.6773

■ 238.8650, -1.9054,
4.5034

■ 244.5020, -4.6845,
9.2067

■ 247.4370, -6.1314,
6.6328

Harmonies

Analogous

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



169.3970, 17.5523, -76.6472



170.1590, 31.9666, -79.9464



179.9480, 35.5216, -53.4514

Triad

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



170.1590, 31.9666, -79.9464



193.8820, 5.9742, 43.9535



184.9600, -29.5603, 7.9281

Complementary

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



170.1590, 31.9666, -79.9464



143.8410, -31.9666, 79.9464

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.



188.0710, -31.0940, 33.2637



170.1590, 31.9666, -79.9464



191.9360, -9.3354, 54.4301

Square

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



170.1590, 31.9666, -79.9464



193.2130, 20.6010, 19.1072



190.5320, -23.4333, 49.5224



181.1180, -19.2852, -21.1515

Rectangle

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



170.1590, 31.9666, -79.9464



186.5320, 33.2617, -28.5306



190.5320, -23.4333, 49.5224



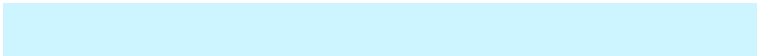
186.5590, -31.3346, 17.0498

Sweetspot

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



170.1590, 31.9666, -79.9464



233.8810, 10.4117, -26.2056



173.8780, -32.4779, -83.2080



114.6220, 6.5954, -15.4545



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.



170.1590, 31.9666, -79.9464



169.9370, 41.9361, -104.3077



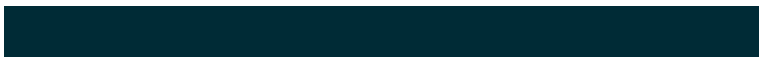
125.5470, 53.9603, -40.8217



112.5370, 2.2003, -5.7329



105.7490, 37.0987, -92.7419



31.3970, 11.1433, -27.5352

Inverse Universe

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



139.8940, 31.6043, 83.4080



130.5780, 41.1270, 109.1181



188.4530, -53.9603, 40.8217



110.3150, 2.3097, 5.8627



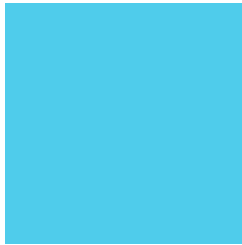
70.6490, 36.6550, 96.7778



21.0480, 10.8223, 28.8989

Previews

White Background



This preview shows how the YUV color 170.1590, 31.9666, -79.9464 looks on a white background.

Color Contrast Check

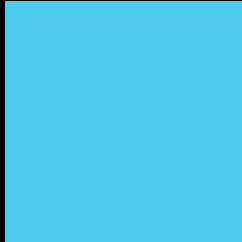
Large Text (above 18pt) WCAG AA × Fail

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 170.1590, 31.9666, -79.9464 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

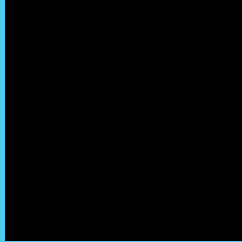
Any Text WCAG AA ✓ Pass

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 170.1590, 31.9666, -79.9464 Background



This preview shows how black text looks on a background with the YUV color 170.1590, 31.9666, -79.9464.



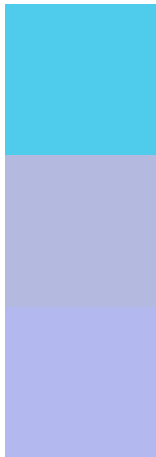
This preview shows how white text looks on a background with the YUV color 170.1590, 31.9666, -79.9464.

-79.9464.

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

170.1590, 31.9666, -79.9464

Protanopia

188.4240, 17.0460, -7.3878

Deuteranopia

188.7750, 24.7609, -8.5727



Tritanopia

167.8720, 27.1781, -84.0797

Trichromacy



Original Color

170.1590, 31.9666, -79.9464

Protanomaly

181.9260, 22.2215, -34.1381

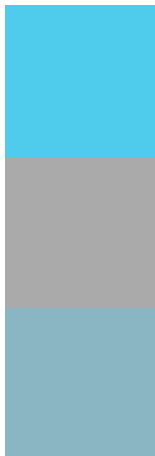
Deuteranomaly

182.0060, 27.6050, -34.2083

Tritanomaly

168.6380, 28.7725, -82.1205

Monochromacy



Original Color

170.1590, 31.9666, -79.9464

Achromatopsia

170.0000, 0.0000, 0.0000

Achromatomaly

169.9130, 11.8749, -28.8647

CSS Examples

Text

The CSS property to change the color of the text to YUV 170.1590, 31.9666, -79.9464 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, 204, 235)` looks like.

```
.text, #text, p{  
    color:rgb(79, 204, 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(79, 204, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 204, 235) }
```

Border

The CSS property to change the border of an element to YUV 170.1590, 31.9666, -79.9464 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, 204, 235) }
```


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

```
.border{ border-color:rgb(79, 204, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 204, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 204, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 204, 235);  
box-shadow:4px 4px 4px 4px rgb(79, 204,  
235) }
```

Background

The CSS property to change the background color of an element to YUV 170.1590, 31.9666, -79.9464 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 204, 235) }
```

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

```
.background{ background-color: rgb(79, 204,  
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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