

Converting Colors

YUV(164.4730, 35.7558,
-81.9758)

Have a look what the booklet for
YUV(164.4730, 35.7558, -81.9758)
contains.

YUV(164.4730, 35.7558, -81.9758)	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(164.4730, 35.7558,
-81.9758)**

Conversions

Conversions Part 1

Format	Color
Hex	47C6ED
RGB	71, 198, 237
RGB Percent	28%, 78%, 93%
CMY	0.7216, 0.2235, 0.0706
CMYK	0.70, 0.16, 0.00, 0.07
HSL	194°, 82%, 60%
HSV	194°, 70%, 93%
XYZ	38.0787, 47.8422, 87.3483
YIQ	164.4730, -88.2110, -14.7950

Conversions

Conversions Part 2

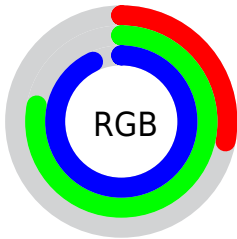
Format	Color
RYB	71, 143, 237
Decimal	4703981
CIELab	74.73, -22.46, -29.41
CIELCh	75, 37.008, 232.633
Yxy	47.8422, 0.2198, 0.2761
Android (android.graphics.Color)	4282894061 (0xFF47C6ED)
YUV	164.4730, 35.7558, -81.9758
Hunter-Lab	69.1680, -22.7755, -26.4562

Details

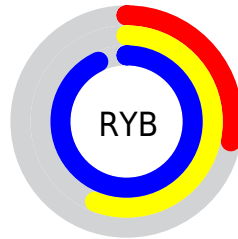
The YUV color **164.4730, 35.7558, -81.9758** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light muted cyan. A complement of this color would be **143.5270, -35.7558, 81.9758**, and the grayscale version is **164.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **220.0170, 17.2466, -71.9289**, and **105.1620, 37.3881, -92.2271** is the 20% darker color. If you saturate the color by 10%, you get **153.7750, 41.0299, -93.6417**, and if you desaturate by 10%, it is **175.1710, 30.4817, -70.3100**.

Distribution



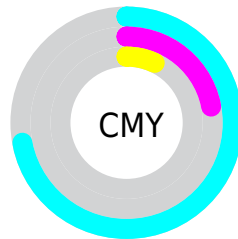
- Red (28%)
- Green (78%)
- Blue (93%)



- Red (28%)
- Yellow (56%)
- Blue (93%)



- Cyan (70%)
- Magenta (16%)
- Yellow (0%)
- Black (7%)



- Cyan (72%)
- Magenta (22%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YUV color 164.4730, 35.7558, -81.9758 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 164.4730, 35.7558, -81.9758 by changing the saturation by 10% instead.

164.4730, 35.7558,
-81.9758

164.4730, 35.7558,
-81.9758

255.0000, 0.0000,
0.0000

129.8840, 39.0042,
-97.2453

220.0170, 17.2466,
-71.9289

105.1620, 37.3881,
-92.2271

229.2860, 12.6770,
-52.8708

86.8220, 33.1188,
-76.1429

238.5550, 8.1074,
-33.8127

69.1830, 28.9968,
-60.6735

247.8240, 3.5378,
-14.7546

52.2450, 25.0222,
-45.8189

36.5950, 20.9057,
-32.0938

22.7060, 15.9209,

-19.9132

■ 5.0500, 14.2723,
-4.4289

■ 0.7980, 3.0576,
-0.6998

■ 164.4730, 35.7558,
-81.9758

■ 164.4730, 35.7558,
-81.9758

■ 153.7750, 41.0299,
-93.6417

■ 175.1710, 30.4817,
-70.3100

■ 143.9630, 45.8672,
-105.2076

■ 184.9830, 25.6444,
-58.7441

■ 133.2650, 51.1414,
-116.8734

■ 195.6810, 20.3703,
-47.0782

■ 205.7920, 15.3855,
-34.8976

■ 216.1910, 10.2588,
-23.8465

■ 226.3020, 5.2741,
-11.6659

■ 237.0000, 0.0000,
0.0000

■ 245.9040, -4.3897,
7.9772

■ 248.8390, -5.8366,
5.4032

Harmonies

Analogous

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



160.9380, 23.6946, -86.7686



164.4730, 35.7558, -81.9758



176.9210, 36.5209, -47.2887

Triad

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



164.4730, 35.7558, -81.9758



188.7040, 2.6109, 49.3716



179.0300, -29.1018, 0.8507

Complementary

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



164.4730, 35.7558, -81.9758



143.5270, -35.7558, 81.9758

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.



182.5820, -32.8249, 28.4306



164.4730, 35.7558, -81.9758



186.5080, -13.5614, 56.5595

Square

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



164.4730, 35.7558, -81.9758



188.6870, 18.3953, 26.5845



184.7230, -26.4854, 48.4779



174.4590, -16.4953, -29.3435

Rectangle

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



164.4730, 35.7558, -81.9758



182.8750, 33.0926, -20.9384



184.7230, -26.4854, 48.4779



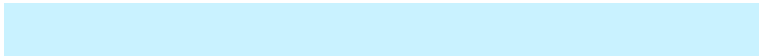
180.2270, -31.1709, 11.2019

Sweetspot

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



164.4730, 35.7558, -81.9758



231.2230, 11.7221, -26.5056



172.8880, -31.0038, -89.3558



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.



164.4730, 35.7558, -81.9758



161.6640, 46.0146, -105.8223



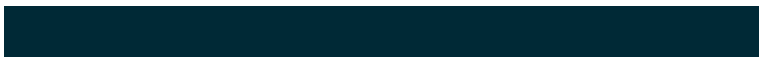
115.7520, 59.7753, -39.2475



112.5370, 2.2003, -5.7329



102.2270, 38.8351, -89.6531



30.2230, 11.7221, -26.5056

Inverse Universe

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



135.1120, 31.0038, 89.3558



123.6820, 40.0898, 115.1659



192.2480, -59.7753, 39.2475



110.3150, 2.3097, 5.8627



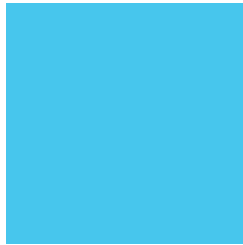
69.9650, 34.0343, 97.3777



20.8200, 9.9487, 29.0989

Previews

White Background



This preview shows how the YUV color 164.4730, 35.7558, -81.9758 looks on a white background.

Color Contrast Check

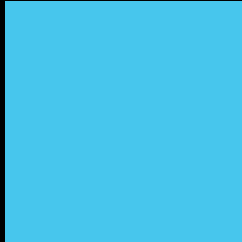
Large Text (above 18pt) WCAG AA × Fail

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 164.4730, 35.7558, -81.9758 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 164.4730, 35.7558, -81.9758 Background



This preview shows how black text looks on a background with the YUV color 164.4730, 35.7558, -81.9758.



This preview shows how white text looks on a background with the YUV color 164.4730, 35.7558, -81.9758.

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

164.4730, 35.7558, -81.9758

Protanopia

183.3250, 20.5458, -9.9320

Deuteranopia

183.3660, 28.4136, -13.4760



Tritanopia

160.1810, 28.5048, -89.6127

Trichromacy



Original Color

164.4730, 35.7558, -81.9758

Protanomaly

176.2400, 26.0107, -36.1675

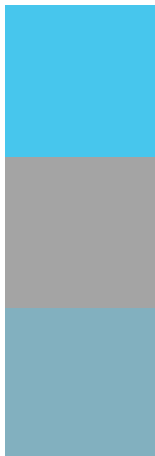
Deuteranomaly

176.8960, 31.1103, -38.4968

Tritanomaly

161.8870, 31.1147, -86.7239

Monochromacy



Original Color

164.4730, 35.7558, -81.9758

Achromatopsia

164.0000, 0.0000, 0.0000

Achromatomaly

163.9560, 13.3327, -29.7794

CSS Examples

Text

The CSS property to change the color of the text to YUV 164.4730, 35.7558, -81.9758 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(71, 198, 237)` looks like.

```
.text, #text, p{  
    color:rgb(71, 198, 237)  
}
```

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(71, 198, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 198, 237) }
```

Border

The CSS property to change the border of an element to YUV 164.4730, 35.7558, -81.9758 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(71, 198, 237) }
```


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

```
.border{ border-color:rgb(71, 198, 237) }
```

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

Here you see how a box with a 4 pixel rgb(71, 198, 237) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 198, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 198, 237);  
box-shadow:4px 4px 4px 4px rgb(71, 198,  
237) }
```

Background

The CSS property to change the background color of an element to YUV 164.4730, 35.7558, -81.9758 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 198, 237) }
```

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

```
.background{ background-color: rgb(71, 198,  
237) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor