

Converting Colors

YUV(164.4130, 36.7714,
-81.0462)

Have a look what the booklet for
YUV(164.4130, 36.7714, -81.0462)
contains.

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Color

**YUV(164.4130, 36.7714,
-81.0462)**

Conversions

Conversions Part 1

Format	Color
Hex	48C5EF
RGB	72, 197, 239
RGB Percent	28%, 77%, 94%
CMY	0.7176, 0.2275, 0.0627
CMYK	0.70, 0.18, 0.00, 0.06
HSL	195°, 84%, 61%
HSV	195°, 70%, 94%
XYZ	38.2187, 47.5422, 88.8236
YIQ	164.4130, -87.9820, -13.4380

Conversions

Conversions Part 2

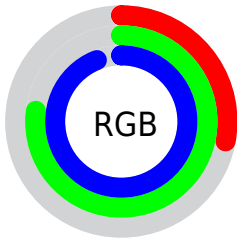
Format	Color
R _Y B	72, 143, 239
Decimal	4769263
CIE Lab	74.54, -21.19, -30.78
CIE LCh	75, 37.369, 235.455
Yxy	47.5422, 0.2189, 0.2723
Android (android.graphics.Color)	4282959343 (0xFF48C5EF)
YUV	164.4130, 36.7714, -81.0462
Hunter-Lab	68.9509, -21.7234, -28.1127

Details

The YUV color **164.4130, 36.7714, -81.0462** 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 **146.5870, -36.7714, 81.0462**, and the grayscale version is **164.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **219.7290, 17.3886, -70.7993**, and **104.8030, 38.5511, -91.9122** is the 20% darker color. If you saturate the color by 10%, you get **153.7150, 42.0455, -92.7121**, and if you desaturate by 10%, it is **175.1110, 31.4973, -69.3803**.

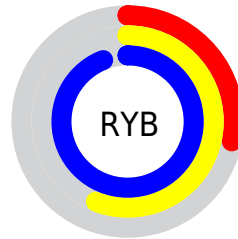
Distribution



Red (28%)

Green (77%)

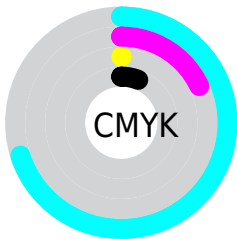
Blue (94%)



Red (28%)

Yellow (56%)

Blue (94%)

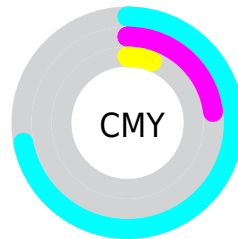


Cyan (70%)

Magenta (18%)

Yellow (0%)

Black (6%)



Cyan (72%)

Magenta (23%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the YUV color 164.4130, 36.7714, -81.0462 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 164.4130, 36.7714, -81.0462 by changing the saturation by 10% instead.

■ 164.4130, 36.7714,
-81.0462

■ 164.4130, 36.7714,
-81.0462

■ 255.0000, 0.0000,
0.0000

■ 130.1230, 39.8724,
-95.7009

■ 219.7290, 17.3886,
-70.7993

■ 104.8030, 38.5511,
-91.9122

■ 229.5850, 12.5296,
-52.2560

■ 86.4630, 34.2817,
-75.8281

■ 238.8540, 7.9600,
-33.1980

■ 69.4110, 29.8704,
-60.8734

■ 248.1230, 3.3904,
-14.1399

■ 52.3590, 25.4590,
-45.9188

■ 36.1220, 21.6319,
-31.6790

■ 22.3470, 17.0839,

-19.5983

■ 5.1640, 14.7091,
-4.5288

■ 1.1400, 4.3680,
-0.9998

■ 164.4130, 36.7714,
-81.0462

■ 164.4130, 36.7714,
-81.0462

■ 153.7150, 42.0455,
-92.7121

■ 175.1110, 31.4973,
-69.3803

■ 143.0170, 47.3196,
-104.3779

■ 185.8090, 26.2232,
-57.7145

■ 132.3190, 52.5937,
-116.0438

■ 196.5070, 20.9490,
-46.0486

■ 207.2050, 15.6749,
-34.3828

■ 217.9030, 10.4008,
-22.7169

■ 228.3020, 5.2741,
-11.6659

■ 239.0000, 0.0000,
0.0000

■ 247.3060, -4.0949,
6.7476

■ 250.8280, -5.8312,
3.6588

Harmonies

Analogous

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



158.8990, 26.1788, -90.2424



164.4130, 36.7714, -81.0462



176.6440, 36.6575, -44.4148

Triad

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



164.4130, 36.7714, -81.0462



187.3730, 1.2951, 51.4159



177.8340, -28.5122, -1.6084

Complementary

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



164.4130, 36.7714, -81.0462



146.5870, -36.7714, 81.0462

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.



181.2720, -32.6721, 26.0715



164.4130, 36.7714, -81.0462



186.1660, -14.8718, 56.8594

Square

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



164.4130, 36.7714, -81.0462



188.0680, 17.2215, 29.7584



184.3700, -27.7904, 47.0335



173.1920, -14.8847, -32.6174

Rectangle

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



164.4130, 36.7714, -81.0462



183.3700, 32.3556, -17.8645



184.3700, -27.7904, 47.0335



179.5040, -31.3075, 8.3280

Sweetspot

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



164.4130, 36.7714, -81.0462



231.2230, 11.7221, -26.5056



174.8170, -29.9828, -90.1705



113.1490, 7.3215, -15.0397



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.



164.4130, 36.7714, -81.0462



159.3160, 47.1722, -103.7631



115.6920, 60.7908, -38.3179



114.6510, 2.6371, -5.8329



101.3950, 40.7243, -88.9234



31.0380, 12.3063, -27.2203

Inverse Universe

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



136.1830, 29.9828, 90.1705



123.2260, 38.3426, 115.5658



195.3080, -60.7908, 38.3179



112.6140, 2.1623, 6.4775



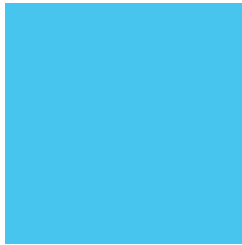
70.6340, 32.7184, 99.4220



21.5320, 10.0907, 30.2284

Previews

White Background



This preview shows how the YUV color 164.4130, 36.7714, -81.0462 looks on a white background.

Color Contrast Check

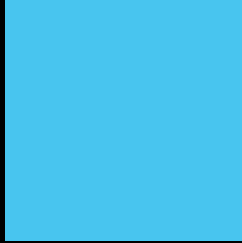
Large Text (above 18pt) WCAG AA × Fail

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 164.4130, 36.7714, -81.0462 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

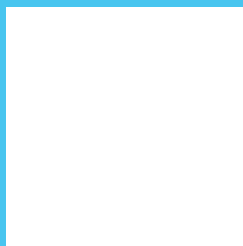
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 164.4130, 36.7714, -81.0462

Background



This preview shows how black text looks on a background with the YUV color 164.4130, 36.7714, -81.0462.

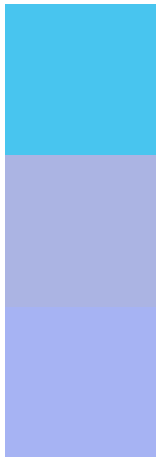


This preview shows how white text looks on a background with the YUV color 164.4130, 36.7714, -81.0462.

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

164.4130, 36.7714, -81.0462

Protanopia

182.6670, 21.8562, -10.2320

Deuteranopia

182.4090, 29.8714, -14.3907



Tritanopia

160.0670, 28.0680, -89.5128

Trichromacy



Original Color

164.4130, 36.7714, -81.0462

Protanomaly

175.8810, 27.1737, -35.8526

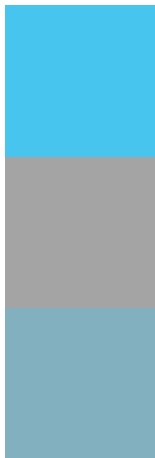
Deuteranomaly

176.2380, 32.4207, -38.7967

Tritanomaly

161.8870, 31.1147, -86.7239

Monochromacy



Original Color

164.4130, 36.7714, -81.0462

Achromatopsia

164.0000, 0.0000, 0.0000

Achromatomaly

164.2550, 13.1853, -29.1646

CSS Examples

Text

The CSS property to change the color of the text to YUV 164.4130, 36.7714, -81.0462 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(72, 197, 239)` looks like.

```
.text, #text, p{  
    color:rgb(72, 197, 239)  
}
```

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(72, 197, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 197, 239) }
```

Border

The CSS property to change the border of an element to YUV 164.4130, 36.7714, -81.0462 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(72, 197, 239) }
```


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

```
.border{ border-color:rgb(72, 197, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(72, 197, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 197, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 197, 239);  
box-shadow:4px 4px 4px 4px rgb(72, 197,  
239) }
```

Background

The CSS property to change the background color of an element to YUV 164.4130, 36.7714, -81.0462 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 197, 239) }
```

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

```
.background{ background-color: rgb(72, 197,  
239) }
```

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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