

Converting Colors

YUV(164.7080, 32.6820,
-76.0429)

Have a look what the booklet for
YUV(164.7080, 32.6820, -76.0429)
contains.

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Color

**YUV(164.7080, 32.6820,
-76.0429)**

Conversions

Conversions Part 1

Format	Color
Hex	4EC4E7
RGB	78, 196, 231
RGB Percent	31%, 77%, 91%
CMY	0.6941, 0.2314, 0.0941
CMYK	0.66, 0.15, 0.00, 0.09
HSL	194°, 76%, 61%
HSV	194°, 66%, 91%
XYZ	37.3056, 46.8691, 82.6817
YIQ	164.7080, -81.5630, -14.1310

Conversions

Conversions Part 2

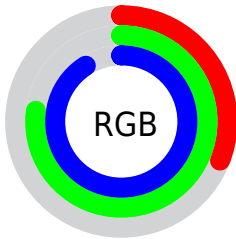
Format	Color
RYB	78, 145, 231
Decimal	5162215
CIELab	74.11, -22.30, -27.11
CIELCh	74, 35.105, 230.557
Yxy	46.8691, 0.2236, 0.2809
Android (android.graphics.Color)	4283352295 (0xFF4EC4E7)
YUV	164.7080, 32.6820, -76.0429
Hunter-Lab	68.4610, -22.5389, -23.6830

Details

The YUV color **164.7080, 32.6820, -76.0429** 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 **144.2920, -32.6820, 76.0429**, and the grayscale version is **164.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **220.0390, 17.2358, -68.4402**, and **103.3040, 35.3461, -90.5976** is the 20% darker color. If you saturate the color by 10%, you get **154.8960, 37.5193, -87.6088**, and if you desaturate by 10%, it is **174.5200, 27.8446, -64.4770**.

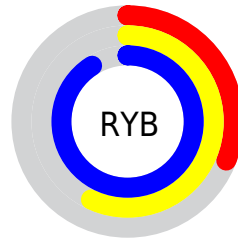
Distribution



Red (31%)

Green (77%)

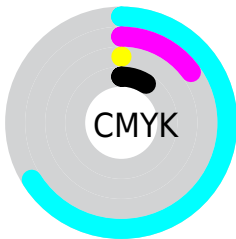
Blue (91%)



Red (31%)

Yellow (57%)

Blue (91%)

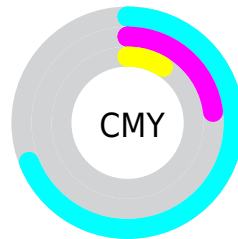


Cyan (66%)

Magenta (15%)

Yellow (0%)

Black (9%)



Cyan (69%)

Magenta (23%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YUV color 164.7080, 32.6820, -76.0429 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 164.7080, 32.6820, -76.0429 by changing the saturation by 10% instead.

164.7080, 32.6820,
-76.0429

164.7080, 32.6820,
-76.0429

255.0000, 0.0000,
0.0000

133.1090, 34.4563,
-85.1646

220.0390, 17.2358,
-68.4402

103.3040, 35.3461,
-90.5976

230.4820, 12.0874,
-50.4117

85.0780, 31.5135,
-74.6134

239.4520, 7.6652,
-31.9684

68.0260, 27.1022,
-59.6588

248.7210, 3.0955,
-12.9103

51.0880, 23.1276,
-44.8042

34.8510, 19.3005,
-30.5643

20.4890, 15.0419,

-17.9689

■ 4.5940, 12.5252,
-4.0289

■ 0.0000, 0.0000,
0.0000

■ 164.7080, 32.6820,
-76.0429

■ 164.7080, 32.6820,
-76.0429

■ 154.8960, 37.5193,
-87.6088

■ 174.5200, 27.8446,
-64.4770

■ 144.4970, 42.6460,
-98.6599

■ 184.9190, 22.7179,
-53.4260

■ 134.6850, 47.4833,
-110.2257

■ 194.7310, 17.8806,
-41.8601

■ 130.8200, 49.3887,
-114.7291

■ 204.5430, 13.0433,
-30.2942

■ 214.6540, 8.0586,
-18.1136

■ 225.0530, 2.9319,
-7.0625

■ 234.8650, -1.9054,
4.5034

■ 242.2850, -5.5635,
11.1511

■ 245.8070, -7.2999,
8.0623

Harmonies

Analogous

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



162.4830, 20.4679, -78.4766



164.7080, 32.6820, -76.0429



174.7640, 34.6263, -46.2740

Triad

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



164.7080, 32.6820, -76.0429



186.9100, 3.4954, 45.6829



177.9810, -28.0916, 3.5247

Complementary

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



164.7080, 32.6820, -76.0429



144.2920, -32.6820, 76.0429

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.



181.4510, -30.7883, 28.5455



164.7080, 32.6820, -76.0429



185.2410, -11.9508, 53.2856

Square

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



164.7080, 32.6820, -76.0429



186.5510, 17.9694, 23.1958



183.5810, -24.4434, 46.8485



173.7800, -16.6535, -25.2401

Rectangle

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



164.7080, 32.6820, -76.0429



180.8210, 31.6402, -21.7680



183.5810, -24.4434, 46.8485



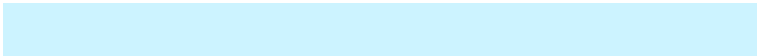
179.1670, -30.1553, 12.1315

Sweetspot

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



164.7080, 32.6820, -76.0429



232.7070, 10.9904, -25.1760



171.5730, -29.8625, -82.0635



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.



164.7080, 32.6820, -76.0429



167.8990, 42.9408, -99.8894



120.6830, 54.3863, -37.4330



109.6510, 2.6371, -5.8329



101.4120, 38.2509, -88.9383



28.7070, 10.9904, -25.1760

Inverse Universe

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



137.1990, 28.9889, 82.2635



131.7690, 38.0749, 108.0736



188.3170, -54.3863, 37.4330



107.6140, 2.1623, 6.4775



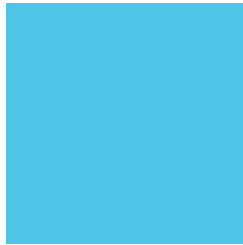
69.2530, 33.8923, 96.2481



19.6950, 9.5174, 27.4545

Previews

White Background



This preview shows how the YUV color 164.7080, 32.6820, -76.0429 looks on a white background.

Color Contrast Check

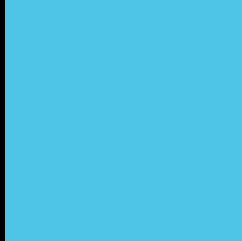
Large Text (above 18pt) WCAG AA × Fail

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 164.7080, 32.6820, -76.0429 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

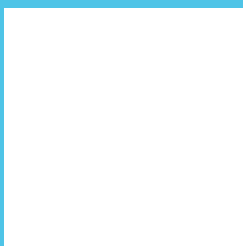
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 164.7080, 32.6820, -76.0429

Background



This preview shows how black text looks on a background with the YUV color 164.7080, 32.6820, -76.0429.



This preview shows how white text looks on a background with the YUV color 164.7080, 32.6820, -76.0429.

-76.0429.

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

164.7080, 32.6820, -76.0429

Protanopia

181.4670, 18.5038, -8.3026

Deuteranopia

182.1060, 26.0767, -10.6170



Tritanopia

161.9540, 26.1517, -81.5207

Trichromacy



Original Color

164.7080, 32.6820, -76.0429

Protanomaly

175.2790, 23.5265, -32.6937

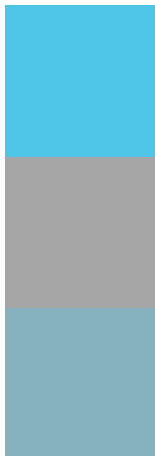
Deuteranomaly

176.2340, 28.4786, -34.4082

Tritanomaly

162.9480, 28.6196, -79.7614

Monochromacy



Original Color

164.7080, 32.6820, -76.0429

Achromatopsia

165.0000, 0.0000, 0.0000

Achromatomaly

164.6250, 12.0169, -27.7351

CSS Examples

Text

The CSS property to change the color of the text to YUV 164.7080, 32.6820, -76.0429 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(78, 196, 231)` looks like.

```
.text, #text, p{  
    color:rgb(78, 196, 231)  
}
```

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(78, 196, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 196, 231) }
```

Border

The CSS property to change the border of an element to YUV 164.7080, 32.6820, -76.0429 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(78, 196, 231) }
```


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

```
.border{ border-color:rgb(78, 196, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(78, 196, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 196, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 196, 231);  
box-shadow:4px 4px 4px 4px rgb(78, 196,  
231) }
```

Background

The CSS property to change the background color of an element to YUV 164.7080, 32.6820, -76.0429 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 196, 231) }
```

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

```
.background{ background-color: rgb(78, 196,  
231) }
```

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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