

Converting Colors

YUV(170.0320, 37.9452,
-84.2201)

Have a look what the booklet for
YUV(170.0320, 37.9452, -84.2201)
contains.

YUV(170.0320, 37.9452, -84.2201)	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(170.0320, 37.9452,
-84.2201)**

Conversions

Conversions Part 1

Format	Color
Hex	4ACCF7
RGB	74, 204, 247
RGB Percent	29%, 80%, 97%
CMY	0.7098, 0.2000, 0.0314
CMYK	0.70, 0.17, 0.00, 0.03
HSL	195°, 92%, 63%
HSV	195°, 70%, 97%
XYZ	41.2054, 51.3570, 95.7368
YIQ	170.0320, -91.2830, -14.1870

Conversions

Conversions Part 2

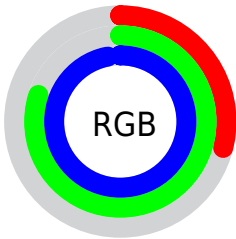
Format	Color
RYB	74, 148, 247
Decimal	4902135
CIELab	76.89, -21.99, -31.44
CIELCh	77, 38.366, 235.033
Yxy	51.3570, 0.2188, 0.2727
Android (android.graphics.Color)	4283092215 (0xFF4ACCF7)
YUV	170.0320, 37.9452, -84.2201
Hunter-Lab	71.6638, -22.7773, -29.0418

Details

The YUV color **170.0320, 37.9452, -84.2201** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light washed cyan. A complement of this color would be **150.9680, -37.9452, 84.2201**, and the grayscale version is **170.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **221.2130, 16.6570, -69.4698**, and **109.8240, 40.0198, -96.3156** is the 20% darker color. If you saturate the color by 10%, you get **159.0350, 43.3667, -96.5007**, and if you desaturate by 10%, it is **181.0290, 32.5237, -71.9394**.

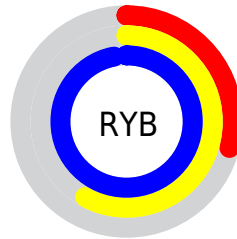
Distribution



Red (29%)

Green (80%)

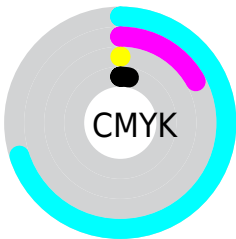
Blue (97%)



Red (29%)

Yellow (58%)

Blue (97%)

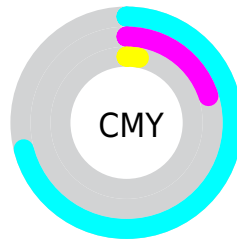


Cyan (70%)

Magenta (17%)

Yellow (0%)

Black (3%)



Cyan (71%)

Magenta (20%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the YUV color 170.0320, 37.9452, -84.2201 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 170.0320, 37.9452, -84.2201 by changing the saturation by 10% instead.

170.0320, 37.9452,
-84.2201

170.0320, 37.9452,
-84.2201

255.0000, 0.0000,
0.0000

135.0410, 40.8988,
-98.2600

221.2130, 16.6570,
-69.4698

109.8240, 40.0198,
-96.3156

230.4820, 12.0874,
-50.4117

91.3700, 35.3136,
-80.1315

239.7510, 7.5178,
-31.3536

73.7310, 31.1916,
-64.6621

249.0200, 2.9481,
-12.2955

56.6790, 26.7803,
-49.7075

40.4420, 22.9531,
-35.4676

25.9660, 18.2578,

-22.7722

■ 6.4350, 17.0405,
-5.6435

■ 2.7530, 8.0098,
-2.4144

■ 170.0320, 37.9452,
-84.2201

■ 170.0320, 37.9452,
-84.2201

■ 159.0350, 43.3667,
-96.5007

■ 181.0290, 32.5237,
-71.9394

■ 148.3370, 48.6409,
-108.1665

■ 191.7270, 27.2496,
-60.2736

■ 137.3400, 54.0624,
-120.4472

■ 202.7240, 21.8281,
-47.9929

■ 214.3080, 16.1172,
-36.2271

■ 225.0060, 10.8430,
-24.5613

■ 236.0030, 5.4215,
-12.2806

■ 247.0000, 0.0000,
0.0000

■ 252.9140, -2.9156,
1.8294

■ 254.0880, -3.4944,
0.7998

Harmonies

Analogous

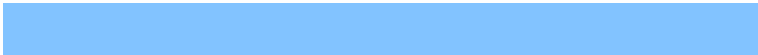
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



164.9910, 26.6264, -93.8311



170.0320, 37.9452, -84.2201



182.4050, 35.7893, -45.9592

Triad

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



170.0320, 37.9452, -84.2201



194.0850, 1.4371, 52.5455



184.4920, -29.8226, -1.3085

Complementary

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



170.0320, 37.9452, -84.2201



150.9680, -37.9452, 84.2201

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.



188.2290, -34.1299, 26.9862



170.0320, 37.9452, -84.2201



190.9810, -14.2876, 56.1447

Square

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



170.0320, 37.9452, -84.2201



194.5950, 17.9477, 30.1732



190.2670, -28.2326, 48.8778



179.6650, -15.6108, -33.0322

Rectangle

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



170.0320, 37.9452, -84.2201



189.0710, 32.5030, -18.4793



190.2670, -28.2326, 48.8778



185.5750, -32.3285, 9.1427

Sweetspot

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



170.0320, 37.9452, -84.2201



231.2230, 11.7221, -26.5056



180.1110, -32.5927, -93.0593



113.7360, 7.0322, -15.5545



0.0000, 0.0000, 0.0000



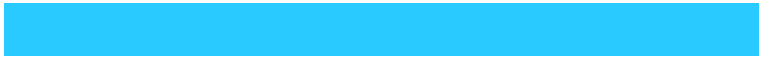
128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



170.0320, 37.9452, -84.2201



159.9030, 46.8828, -104.2779



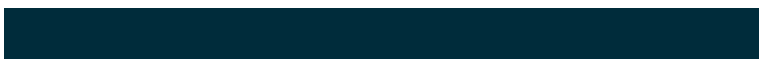
120.7240, 62.2541, -40.9769



116.6510, 2.6371, -5.8329



103.3840, 40.7297, -90.6678



32.5540, 13.0379, -28.5499

Inverse Universe

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



140.5470, 31.2823, 93.3593



123.3400, 38.7794, 115.4658



200.2760, -62.2541, 40.9769



114.6140, 2.1623, 6.4775



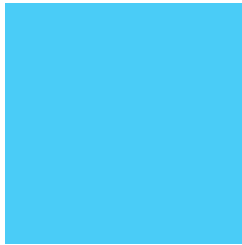
71.5740, 33.7340, 100.3516



22.6570, 10.5221, 31.8728

Previews

White Background



This preview shows how the YUV color 170.0320, 37.9452, -84.2201 looks on a white background.

Color Contrast Check

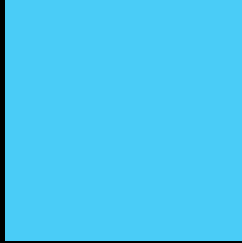
Large Text (above 18pt) WCAG AA × Fail

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 170.0320, 37.9452, -84.2201 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 170.0320, 37.9452, -84.2201 Background



This preview shows how black text looks on a background with the YUV color 170.0320, 37.9452, -84.2201.



This preview shows how white text looks on a background with the YUV color 170.0320, 37.9452, -84.2201.

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

170.0320, 37.9452, -84.2201

Protanopia

188.7810, 22.2930, -10.3319

Deuteranopia

189.2240, 30.4556, -15.1054



Tritanopia

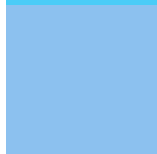
165.3870, 29.3892, -93.3014

Trichromacy



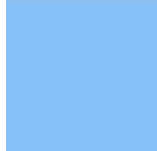
Original Color

170.0320, 37.9452, -84.2201



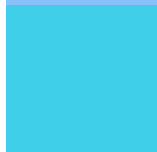
Protanomaly

182.3970, 27.9053, -37.1822



Deuteranomaly

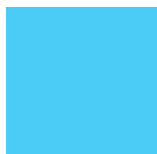
182.4550, 33.2997, -40.7410



Tritanomaly

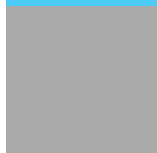
167.2070, 32.4359, -90.5125

Monochromacy



Original Color

170.0320, 37.9452, -84.2201



Achromatopsia

170.0000, 0.0000, 0.0000



Achromatomaly

169.7710, 13.9169, -30.4942

CSS Examples

Text

The CSS property to change the color of the text to YUV 170.0320, 37.9452, -84.2201 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(74, 204, 247)` looks like.

```
.text, #text, p{  
    color:rgb(74, 204, 247)  
}
```

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(74, 204, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 204, 247) }
```

Border

The CSS property to change the border of an element to YUV 170.0320, 37.9452, -84.2201 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(74, 204, 247) }
```


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

```
.border{ border-color:rgb(74, 204, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 204, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 204, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 204, 247);  
box-shadow:4px 4px 4px 4px rgb(74, 204,  
247) }
```

Background

The CSS property to change the background color of an element to YUV 170.0320, 37.9452, -84.2201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 204, 247) }
```

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

```
.background{ background-color: rgb(74, 204,  
247) }
```

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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