

Converting Colors

YUV(173.7870, 36.0940,
-97.1602)

Have a look what the booklet for
YUV(173.7870, 36.0940, -97.1602)
contains.

YUV(173.7870, 36.0940, -97.1602)	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(173.7870, 36.0940,
-97.1602)**

Conversions

Conversions Part 1

Format	Color
Hex	3FD8F7
RGB	63, 216, 247
RGB Percent	25%, 85%, 97%
CMY	0.7529, 0.1529, 0.0314
CMYK	0.74, 0.13, 0.00, 0.03
HSL	190°, 92%, 61%
HSV	190°, 74%, 97%
XYZ	43.3943, 56.8839, 96.6883
YIQ	173.7870, -101.1390, -22.7950

Conversions

Conversions Part 2

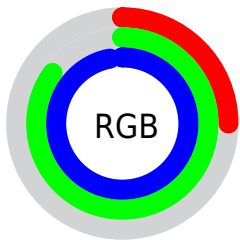
Format	Color
R _{YB}	63, 147, 247
Decimal	4184311
CIE Lab	80.11, -29.28, -26.52
CIE LCh	80, 39.505, 222.171
Yxy	56.8839, 0.2203, 0.2888
Android (android.graphics.Color)	4282374391 (0xFF3FD8F7)
YUV	173.7870, 36.0940, -97.1602
Hunter-Lab	75.4214, -29.2862, -23.2132

Details

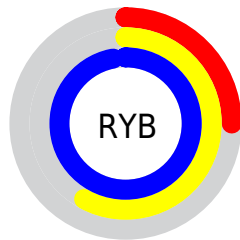
The YUV color **173.7870, 36.0940, -97.1602** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light washed cyan. A complement of this color would be **136.2130, -36.0940, 97.1602**, and the grayscale version is **174.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **219.4190, 17.5414, -73.1585**, and **116.2810, 36.8365, -101.9784** is the 20% darker color. If you saturate the color by 10%, you get **163.9640, 40.9367, -110.4704**, and if you desaturate by 10%, it is **183.6100, 31.2513, -83.8500**.

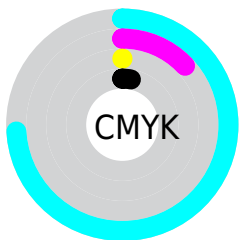
Distribution



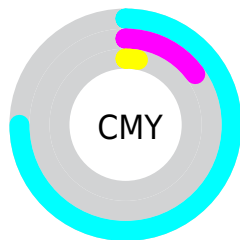
- Red (25%)
- Green (85%)
- Blue (97%)



- Red (25%)
- Yellow (58%)
- Blue (97%)



- Cyan (74%)
- Magenta (13%)
- Yellow (0%)
- Black (3%)



- Cyan (75%)
- Magenta (15%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the YUV color 173.7870, 36.0940, -97.1602 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 173.7870, 36.0940, -97.1602 by changing the saturation by 10% instead.

173.7870, 36.0940,
-97.1602

173.7870, 36.0940,
-97.1602

255.0000, 0.0000,
0.0000

135.2080, 40.8165,
-118.5774

219.4190, 17.5414,
-73.1585

116.2810, 36.8365,
-101.9784

228.9870, 12.8244,
-53.4856

97.2400, 32.4197,
-85.2795

238.5550, 8.1074,
-33.8127

79.6010, 28.2977,
-69.8101

247.8240, 3.5378,
-14.7546

62.0760, 24.6125,
-54.4407

45.1380, 20.6380,
-39.5860

30.1890, 16.6688,

-26.4758

■ 7.1360, 17.1880,
-6.2583

■ 2.8670, 8.4466,
-2.5144

■ 173.7870, 36.0940,
-97.1602

■ 173.7870, 36.0940,
-97.1602

■ 163.9640, 40.9367,
-110.4704

■ 183.6100, 31.2513,
-83.8500

■ 154.4400, 45.6321,
-123.1659

■ 193.1340, 26.5559,
-71.1545

■ 148.4930, 48.5640,
-130.2284

■ 202.9570, 21.7132,
-57.8443

■ 213.3670, 16.5811,
-45.0489

■ 223.1900, 11.7383,
-31.7386

■ 232.7140, 7.0430,
-19.0432

■ 242.5370, 2.2003,
-5.7329

■ 250.5660, -1.7580,
3.8886

■ 252.9140, -2.9156,
1.8294

Harmonies

Analogous

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



175.8580, 18.3110, -86.6985



173.7870, 36.0940, -97.1602



184.9420, 34.5386, -64.8471

Triad

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



173.7870, 36.0940, -97.1602



203.1040, 9.3157, 45.5128



194.8420, -33.9391, 12.4166

Complementary

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



173.7870, 36.0940, -97.1602



136.2130, -36.0940, 97.1602

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.



198.3060, -34.1679, 39.1966



173.7870, 36.0940, -97.1602



197.7120, -6.2670, 50.2416

Square

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



173.7870, 36.0940, -97.1602



203.3420, 24.9744, 16.3631



197.3580, -22.8545, 50.5520



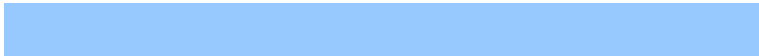
190.3910, -23.3638, -19.6369

Rectangle

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



173.7870, 36.0940, -97.1602



192.2060, 30.9574, -36.1377



197.3580, -22.8545, 50.5520



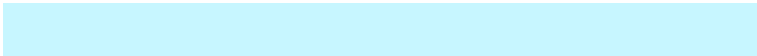
195.8540, -35.4240, 22.0530

Sweetspot

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



173.7870, 36.0940, -97.1602



232.9730, 10.8593, -29.7943



174.5420, -39.7072, -97.8223



114.3120, 6.7482, -17.8136



0.0000, 0.0000, 0.0000



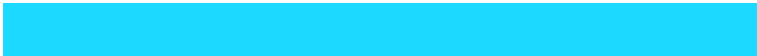
128.0000, 0.0000, 0.0000

Same Dimension

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



173.7870, 36.0940, -97.1602



164.8210, 44.4582, -119.9920



119.7830, 62.7180, -49.7987



117.2380, 2.3477, -6.3477



112.1890, 36.3888, -98.3898



35.4890, 11.5909, -31.1239

Inverse Universe

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



135.4580, 39.7072, 97.8223



117.4190, 49.0934, 120.6585



190.2170, -62.7180, 49.7987



114.7280, 2.5991, 6.3775



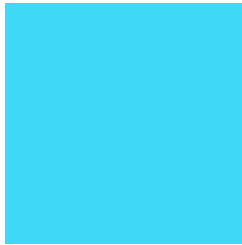
73.2840, 40.2860, 98.8519



23.2270, 12.7061, 31.3729

Previews

White Background



This preview shows how the YUV color 173.7870, 36.0940, -97.1602 looks on a white background.

Color Contrast Check

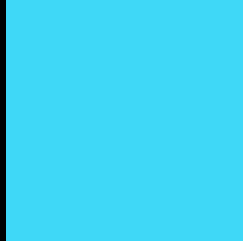
Large Text (above 18pt) WCAG AA × Fail

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 173.7870, 36.0940, -97.1602 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 173.7870, 36.0940, -97.1602 Background



This preview shows how black text looks on a background with the YUV color 173.7870, 36.0940, -97.1602.

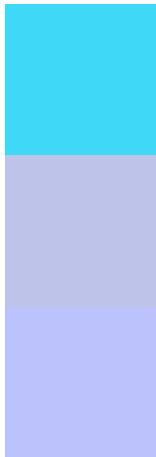


This preview shows how white text looks on a background with the YUV color 173.7870, 36.0940, -97.1602.

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

173.7870, 36.0940, -97.1602

Protanopia

197.8370, 17.3354, -6.8730

Deuteranopia

198.5190, 26.3661, -10.1022



Tritanopia

171.0160, 32.0371, -102.6230

Trichromacy



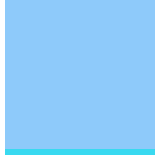
Original Color

173.7870, 36.0940, -97.1602



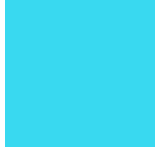
Protanomaly

189.3490, 23.9849, -39.7711



Deuteranomaly

189.5320, 29.8107, -41.6856



Tritanomaly

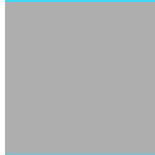
171.7820, 33.6315, -100.6638

Monochromacy



Original Color

173.7870, 36.0940, -97.1602



Achromatopsia

174.0000, 0.0000, 0.0000



Achromatomaly

173.9230, 13.3490, -35.0125

CSS Examples

Text

The CSS property to change the color of the text to YUV 173.7870, 36.0940, -97.1602 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(63, 216, 247)` looks like.

```
.text, #text, p{  
    color:rgb(63, 216, 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(63, 216, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 216, 247) }
```

Border

The CSS property to change the border of an element to YUV 173.7870, 36.0940, -97.1602 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(63, 216, 247) }
```


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

```
.border{ border-color:rgb(63, 216, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(63, 216, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 216, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 216, 247);  
box-shadow:4px 4px 4px 4px rgb(63, 216,  
247) }
```

Background

The CSS property to change the background color of an element to YUV 173.7870, 36.0940, -97.1602 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 216, 247) }
```

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

```
.background{ background-color: rgb(63, 216,  
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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