

Converting Colors

YUV(172.9340, 36.5145,
-92.0271)

Have a look what the booklet for
YUV(172.9340, 36.5145, -92.0271)
contains.

YUV(172.9340, 36.5145, -92.0271)	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(172.9340, 36.5145,
-92.0271)**

Conversions

Conversions Part 1

Format	Color
Hex	44D4F7
RGB	68, 212, 247
RGB Percent	27%, 83%, 97%
CMY	0.7333, 0.1686, 0.0314
CMYK	0.72, 0.14, 0.00, 0.03
HSL	192°, 92%, 62%
HSV	192°, 72%, 97%
XYZ	42.7159, 55.0313, 96.3664
YIQ	172.9340, -97.0590, -19.6430

Conversions

Conversions Part 2

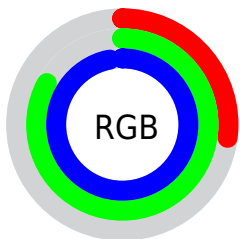
Format	Color
RYB	68, 148, 247
Decimal	4510967
CIELab	79.06, -26.75, -28.13
CIElCh	79, 38.815, 226.439
Yxy	55.0313, 0.2201, 0.2835
Android (android.graphics.Color)	4282701047 (0xFF44D4F7)
YUV	172.9340, 36.5145, -92.0271
Hunter-Lab	74.1831, -27.0371, -25.0916

Details

The YUV color **172.9340, 36.5145, -92.0271** 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 **142.0660, -36.5145, 92.0271**, and the grayscale version is **173.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **220.3160, 17.0992, -71.3141**, and **113.9330, 37.9940, -99.9192** is the 20% darker color. If you saturate the color by 10%, you get **162.5240, 41.6467, -104.8225**, and if you desaturate by 10%, it is **183.3440, 31.3824, -79.2317**.

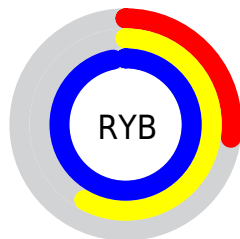
Distribution



Red (27%)

Green (83%)

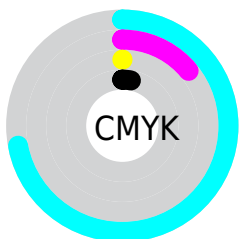
Blue (97%)



Red (27%)

Yellow (58%)

Blue (97%)

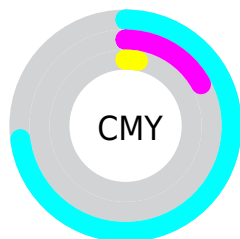


Cyan (72%)

Magenta (14%)

Yellow (0%)

Black (3%)



Cyan (73%)

Magenta (17%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the YUV color 172.9340, 36.5145, -92.0271 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 172.9340, 36.5145, -92.0271 by changing the saturation by 10% instead.

■ 172.9340, 36.5145,
-92.0271

■ 172.9340, 36.5145,
-92.0271

■ 255.0000, 0.0000,
0.0000

■ 132.8600, 41.9740,
-116.5182

■ 220.3160, 17.0992,
-71.3141

■ 113.9330, 37.9940,
-99.9192

■ 229.5850, 12.5296,
-52.2560

■ 95.4790, 33.2879,
-83.7351

■ 239.1530, 7.8126,
-32.5832

■ 77.2530, 29.4553,
-67.7509

■ 248.4220, 3.2430,
-13.5251

■ 60.2010, 25.0439,
-52.7963

■ 43.3770, 21.5061,
-38.0416

■ 28.3140, 17.1002,

-24.8314

■ 6.5490, 17.4773,
-5.7435

■ 2.8670, 8.4466,
-2.5144

■ 172.9340, 36.5145,
-92.0271

■ 172.9340, 36.5145,
-92.0271

■ 162.5240, 41.6467,
-104.8225

■ 183.3440, 31.3824,
-79.2317

■ 152.4130, 46.6314,
-117.0032

■ 193.4550, 26.3977,
-67.0510

■ 144.9710, 50.3003,
-127.1396

■ 203.2780, 21.5549,
-53.7408

■ 213.6880, 16.4228,
-40.9454

■ 223.7990, 11.4381,
-28.7647

■ 234.2090, 6.3060,
-15.9693

■ 244.6190, 1.1738,
-3.1739

■ 251.7400, -2.3368,
2.8590

■ 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.



172.2430, 21.0792, -87.9131



172.9340, 36.5145, -92.0271



184.1000, 34.9537, -57.9697

Triad

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



172.9340, 36.5145, -92.0271



200.4310, 6.6895, 47.8570



191.5640, -32.3231, 7.3984

Complementary

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



172.9340, 36.5145, -92.0271



142.0660, -36.5145, 92.0271

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.



194.9850, -34.0096, 35.0932



172.9340, 36.5145, -92.0271



195.6260, -9.1826, 52.0710

Square

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



172.9340, 36.5145, -92.0271



200.3920, 22.4847, 21.5812



196.0870, -25.1859, 51.6667



186.7540, -20.5847, -24.3403

Rectangle

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



172.9340, 36.5145, -92.0271



191.9510, 31.0832, -29.7750



196.0870, -25.1859, 51.6667



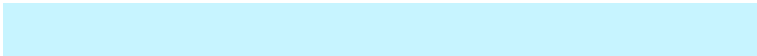
192.7610, -34.3922, 17.7496

Sweetspot

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



172.9340, 36.5145, -92.0271



231.7990, 11.4381, -28.7647



176.8350, -37.3867, -95.4483



113.7250, 7.0376, -17.2988



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.



172.9340, 36.5145, -92.0271



163.3810, 45.1682, -114.3441



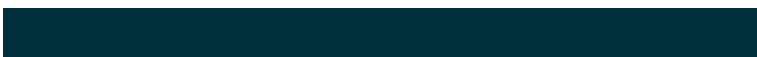
121.8650, 61.6916, -47.2396



117.2380, 2.3477, -6.3477



109.2540, 37.8358, -95.8158



34.3150, 12.1697, -30.0943

Inverse Universe

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



137.9370, 36.5131, 95.6483



119.7840, 45.4625, 118.5844



193.1350, -61.6916, 47.2396



114.7280, 2.5991, 6.3775



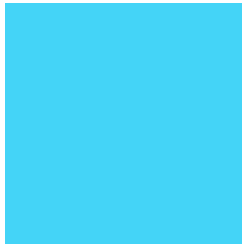
72.7140, 38.1020, 99.3518



22.9990, 11.8325, 31.5729

Previews

White Background



This preview shows how the YUV color 172.9340, 36.5145, -92.0271 looks on a white background.

Color Contrast Check

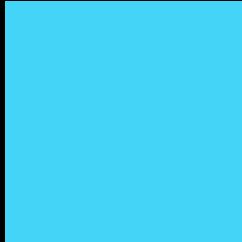
Large Text (above 18pt) WCAG AA × Fail

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 172.9340, 36.5145, -92.0271 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

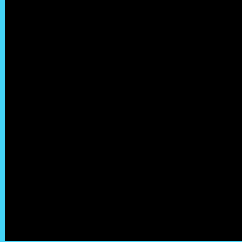
Any Text WCAG AA ✓ Pass

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 172.9340, 36.5145, -92.0271 Background



This preview shows how black text looks on a background with the YUV color 172.9340, 36.5145, -92.0271.



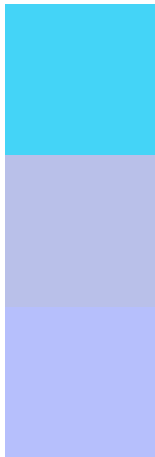
This preview shows how white text looks on a background with the YUV color 172.9340, 36.5145, -92.0271.

-92.0271.

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

172.9340, 36.5145, -92.0271

Protanopia

194.5810, 18.9406, -8.4025

Deuteranopia

195.2630, 27.9713, -11.6317



Tritanopia

169.6960, 30.7159, -98.8344

Trichromacy



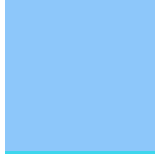
Original Color

172.9340, 36.5145, -92.0271



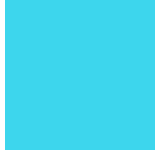
Protanomaly

186.4030, 25.4373, -38.9414



Deuteranomaly

187.4720, 30.8263, -40.7559



Tritanomaly

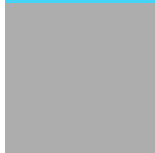
170.8750, 32.5996, -96.3604

Monochromacy



Original Color

172.9340, 36.5145, -92.0271



Achromatopsia

173.0000, 0.0000, 0.0000



Achromatomaly

172.9340, 13.3435, -33.2681

CSS Examples

Text

The CSS property to change the color of the text to YUV 172.9340, 36.5145, -92.0271 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(68, 212, 247)` looks like.

```
.text, #text, p{  
    color:rgb(68, 212, 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(68, 212, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 212, 247) }
```

Border

The CSS property to change the border of an element to YUV 172.9340, 36.5145, -92.0271 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(68, 212, 247) }
```


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

```
.border{ border-color:rgb(68, 212, 247) }
```

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

Here you see how a box with a 4 pixel rgb(68, 212, 247) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 212, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(68, 212, 247);  
box-shadow:4px 4px 4px 4px rgb(68, 212,  
247) }
```

Background

The CSS property to change the background color of an element to YUV 172.9340, 36.5145, -92.0271 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 212, 247) }
```

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

```
.background{ background-color: rgb(68, 212,  
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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