

Converting Colors

YUV(147.2820, 35.3570,
-94.0863)

Have a look what the booklet for
YUV(147.2820, 35.3570, -94.0863)
contains.

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Color

**YUV(147.2820, 35.3570,
-94.0863)**

Conversions

Conversions Part 1

Format	Color
Hex	28BCDB
RGB	40, 188, 219
RGB Percent	16%, 74%, 86%
CMY	0.8431, 0.2627, 0.1412
CMYK	0.82, 0.14, 0.00, 0.14
HSL	190°, 71%, 51%
HSV	190°, 82%, 86%
XYZ	31.6445, 41.5320, 73.3665
YIQ	147.2820, -98.1590, -21.7350

Conversions

Conversions Part 2

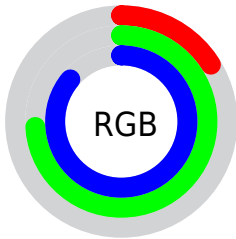
Format	Color
R_{YB}	40, 121, 219
Decimal	2669787
CIE _{Lab}	70.55, -26.51, -26.12
CIE _{LCh}	71, 37.212, 224.579
Yxy	41.5320, 0.2159, 0.2834
Android (android.graphics.Color)	4280859867 (0xFF28BCDB)
YUV	147.2820, 35.3570, -94.0863
Hunter-Lab	64.4453, -25.1308, -22.3857

Details

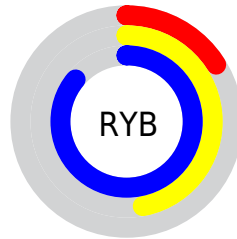
The YUV color **147.2820, 35.3570, -94.0863** is a dark color, and the websafe version is hex **00CCFF**. The color can be described as middle washed azure. A complement of this color would be **111.7180, -35.3570, 94.0863**, and the grayscale version is **147.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **207.2810, 23.5255, -79.1764**, and **97.3540, 32.8565, -85.3795** is the 20% darker color. If you saturate the color by 10%, you get **138.3560, 39.7575, -105.5522**, and if you desaturate by 10%, it is **156.2080, 30.9565, -82.6204**.

Distribution



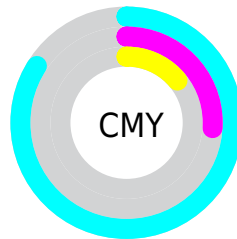
- Red (16%)
- Green (74%)
- Blue (86%)



- Red (16%)
- Yellow (47%)
- Blue (86%)



- Cyan (82%)
- Magenta (14%)
- Yellow (0%)
- Black (14%)



- Cyan (84%)
- Magenta (26%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the YUV color 147.2820, 35.3570, -94.0863 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 147.2820, 35.3570, -94.0863 by changing the saturation by 10% instead.

■ 147.2820, 35.3570,
-94.0863

■ 147.2820, 35.3570,
-94.0863

■ 255.0000, 0.0000,
0.0000

■ 116.2810, 36.8365,
-101.9784

■ 207.2810, 23.5255,
-79.1764

■ 97.3540, 32.8565,
-85.3795

■ 223.3060, 15.6251,
-65.1664

■ 79.7150, 28.7345,
-69.9101

■ 232.5750, 11.0555,
-46.1083

■ 62.0760, 24.6125,
-54.4407

■ 241.8440, 6.4859,
-27.0502

■ 45.7250, 20.3486,
-40.1008

■ 251.1130, 1.9163,
-7.9921

■ 30.1890, 16.6688,
-26.4758

■ 8.8970, 16.3198,

-7.8027

■ 2.9810, 8.8834,
-2.6143

■ 0.0000, 0.0000,
0.0000

■ 147.2820, 35.3570,
-94.0863

■ 147.2820, 35.3570,
-94.0863

■ 138.3560, 39.7575,
-105.5522

■ 156.2080, 30.9565,
-82.6204

■ 131.2130, 43.2790,
-115.0738

■ 165.1340, 26.5559,
-71.1545

■ 173.4730, 22.4448,
-59.1738

■ 182.3990, 18.0443,
-47.7079

■ 191.0260, 13.7912,
-36.8568

■ 199.9520, 9.3907,
-25.3909

■ 208.8780, 4.9901,
-13.9250

■ 217.2170, 0.8790,
-1.9443

■ 226.1430, -3.5215,
9.5216

Harmonies

Analogous

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



149.0970, 19.1792, -85.1541



147.2820, 35.3570, -94.0863



161.3710, 37.2851, -59.0844

Triad

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



147.2820, 35.3570, -94.0863



176.8220, 6.9898, 44.8831



168.9170, -31.0181, 8.8428

Complementary

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



147.2820, 35.3570, -94.0863



111.7180, -35.3570, 94.0863

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.



171.3700, -31.2414, 33.8785



147.2820, 35.3570, -94.0863



175.6480, -9.1935, 55.5597

Square

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



147.2820, 35.3570, -94.0863



176.8430, 21.7694, 17.6777



173.6570, -23.0019, 51.1668



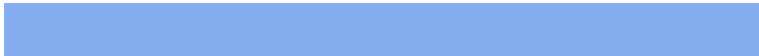
164.1890, -20.3062, -20.3368

Rectangle

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



147.2820, 35.3570, -94.0863



169.2650, 34.8724, -31.8044



173.6570, -23.0019, 51.1668



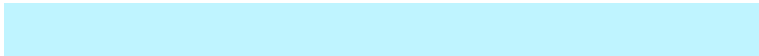
169.6300, -32.3556, 17.8645

Sweetspot

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



147.2820, 35.3570, -94.0863



229.4070, 12.6173, -33.6829



148.4930, -38.6970, -95.1484



112.2300, 7.7746, -20.3727



0.0000, 0.0000, 0.0000



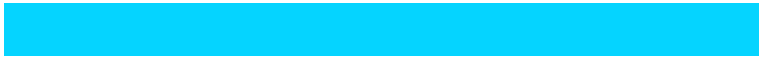
128.0000, 0.0000, 0.0000

Same Dimension

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



147.2820, 35.3570, -94.0863



155.0090, 49.2956, -131.5579



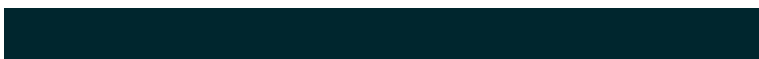
95.6260, 60.8234, -48.7840



105.5370, 2.2003, -5.7329



103.6630, 34.1831, -90.9125



27.5500, 9.0959, -24.1613

Inverse Universe

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



110.3930, 38.2603, 95.2483



103.3480, 53.5654, 132.9988



163.3740, -60.8234, 48.7840



103.3150, 2.3097, 5.8627



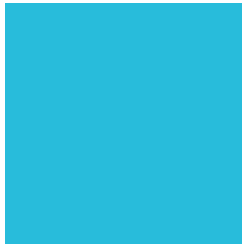
68.0290, 36.9607, 92.0596



18.0860, 9.8176, 24.4806

Previews

White Background



This preview shows how the YUV color 147.2820, 35.3570, -94.0863 looks on a white background.

Color Contrast Check

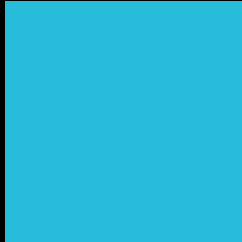
Large Text (above 18pt) WCAG AA × Fail

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 147.2820, 35.3570, -94.0863 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 147.2820, 35.3570, -94.0863

Background



This preview shows how black text looks on a background with the YUV color 147.2820, 35.3570, -94.0863.

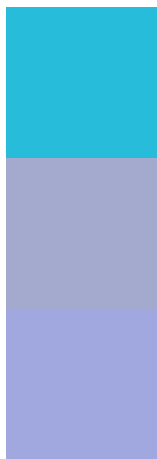


This preview shows how white text looks on a background with the YUV color 147.2820, 35.3570,

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

147.2820, 35.3570, -94.0863

Protanopia

172.0110, 16.7566, -7.9026

Deuteranopia

171.8780, 25.2031, -10.4170



Tritanopia

140.9940, 32.0480, -106.1117

Trichromacy



Original Color

147.2820, 35.3570, -94.0863

Protanomaly

163.2350, 23.5481, -39.6711

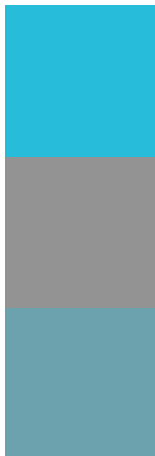
Deuteranomaly

162.7170, 29.2265, -40.9708

Tritanomaly

143.0700, 33.4895, -101.7934

Monochromacy



Original Color

147.2820, 35.3570, -94.0863

Achromatopsia

147.0000, 0.0000, 0.0000

Achromatomaly

147.1080, 12.7648, -34.2977

CSS Examples

Text

The CSS property to change the color of the text to YUV 147.2820, 35.3570, -94.0863 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(40, 188, 219)` looks like.

```
.text, #text, p{  
    color:rgb(40, 188, 219)  
}
```

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(40, 188, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 188, 219) }
```

Border

The CSS property to change the border of an element to YUV 147.2820, 35.3570, -94.0863 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(40, 188, 219) }
```


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

```
.border{ border-color:rgb(40, 188, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(40, 188, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 188, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 188, 219);  
box-shadow:4px 4px 4px 4px rgb(40, 188,  
219) }
```

Background

The CSS property to change the background color of an element to YUV 147.2820, 35.3570, -94.0863 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 188, 219) }
```

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

```
.background{ background-color: rgb(40, 188,  
219) }
```

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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