

Converting Colors

YUV(170.7170, 35.6355,
-90.0828)

Have a look what the booklet for
YUV(170.7170, 35.6355, -90.0828)
contains.

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Color

**YUV(170.7170, 35.6355,
-90.0828)**

Conversions

Conversions Part 1

Format	Color
Hex	44D1F3
RGB	68, 209, 243
RGB Percent	27%, 82%, 95%
CMY	0.7333, 0.1804, 0.0471
CMYK	0.72, 0.14, 0.00, 0.05
HSL	192°, 88%, 61%
HSV	192°, 72%, 95%
XYZ	41.3620, 53.3009, 92.9021
YIQ	170.7170, -94.9500, -19.3180

Conversions

Conversions Part 2

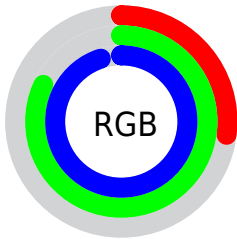
Format	Color
R _Y B	68, 146, 243
Decimal	4510195
CIE Lab	78.05, -26.50, -27.53
CIE LCh	78, 38.214, 226.098
Yxy	53.3009, 0.2205, 0.2842
Android (android.graphics.Color)	4282700275 (0xFF44D1F3)
YUV	170.7170, 35.6355, -90.0828
Hunter-Lab	73.0075, -26.6348, -24.3414

Details

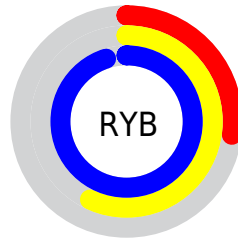
The YUV color **170.7170, 35.6355, -90.0828** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light washed cyan. A complement of this color would be **140.2830, -35.6355, 90.0828**, and the grayscale version is **170.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **220.0170, 17.2466, -71.9289**, and **111.7160, 37.1150, -97.9749** is the 20% darker color. If you saturate the color by 10%, you get **160.6060, 40.6202, -102.2635**, and if you desaturate by 10%, it is **180.8280, 30.6508, -77.9022**.

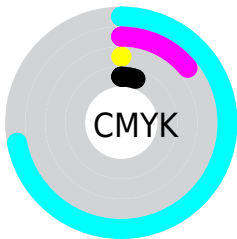
Distribution



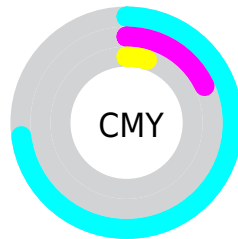
- Red (27%)
- Green (82%)
- Blue (95%)



- Red (27%)
- Yellow (57%)
- Blue (95%)



- Cyan (72%)
- Magenta (14%)
- Yellow (0%)
- Black (5%)



- Cyan (73%)
- Magenta (18%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YUV color 170.7170, 35.6355, -90.0828 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 170.7170, 35.6355, -90.0828 by changing the saturation by 10% instead.

170.7170, 35.6355,
-90.0828

170.7170, 35.6355,
-90.0828

255.0000, 0.0000,
0.0000

131.0560, 41.3844,
-114.0591

220.0170, 17.2466,
-71.9289

111.7160, 37.1150,
-97.9749

229.5850, 12.5296,
-52.2560

93.3760, 32.8456,
-81.8908

238.8540, 7.9600,
-33.1980

75.6230, 28.2869,
-66.3214

248.1230, 3.3904,
-14.1399

58.0980, 24.6017,
-50.9519

41.8610, 20.7745,
-36.7121

27.3850, 16.0792,

-24.0166

■ 6.2070, 16.1669,
-5.4435

■ 2.4110, 6.6994,
-2.1144

■ 170.7170, 35.6355,
-90.0828

■ 170.7170, 35.6355,
-90.0828

■ 160.6060, 40.6202,
-102.2635

■ 180.8280, 30.6508,
-77.9022

■ 150.7830, 45.4630,
-115.5737

■ 190.6510, 25.8081,
-64.5919

■ 142.7540, 49.4213,
-125.1953

■ 200.7620, 20.8233,
-52.4113

■ 210.8730, 15.8386,
-40.2306

■ 220.9840, 10.8539,
-28.0500

■ 230.8070, 6.0111,
-14.7397

■ 240.9180, 1.0264,
-2.5591

■ 248.9360, -2.9264,
5.3181

■ 251.2840, -4.0840,
3.2589

Harmonies

Analogous

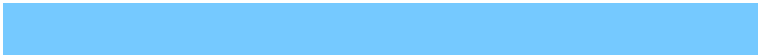
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



170.0260, 20.2002, -85.9688



170.7170, 35.6355, -90.0828



182.0400, 35.9693, -57.0401

Triad

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



170.7170, 35.6355, -90.0828



198.0180, 6.4001, 47.3422



188.9770, -32.0337, 7.9132

Complementary

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



170.7170, 35.6355, -90.0828



140.2830, -35.6355, 90.0828

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.



192.0990, -33.5728, 34.9932



170.7170, 35.6355, -90.0828



193.6370, -9.1880, 53.8154

Square

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



170.7170, 35.6355, -90.0828



197.5660, 21.9060, 20.5516



194.0980, -25.1913, 53.4111



184.4660, -20.4427, -23.2107

Rectangle

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



170.7170, 35.6355, -90.0828



189.2930, 32.3936, -30.0750



194.0980, -25.1913, 53.4111



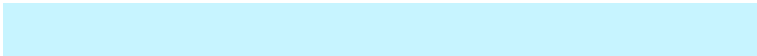
189.9890, -33.5186, 17.5496

Sweetspot

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



170.7170, 35.6355, -90.0828



231.7990, 11.4381, -28.7647



174.3730, -36.6659, -93.2891



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.



170.7170, 35.6355, -90.0828



164.2780, 44.7259, -112.4998



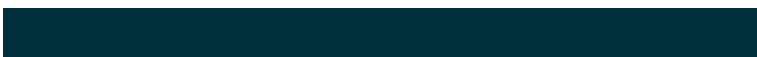
120.2350, 60.5231, -45.8101



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.



136.3990, 35.7923, 93.4891



121.5450, 44.5943, 117.0400



190.7650, -60.5231, 45.8101



114.7280, 2.5991, 6.3775



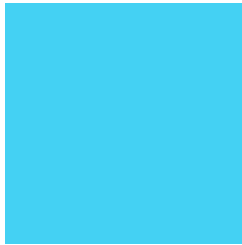
72.7140, 38.1020, 99.3518



22.9990, 11.8325, 31.5729

Previews

White Background



This preview shows how the YUV color 170.7170, 35.6355, -90.0828 looks on a white background.

Color Contrast Check

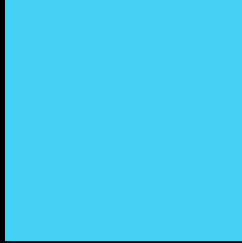
Large Text (above 18pt) WCAG AA × Fail

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 170.7170, 35.6355, -90.0828 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 170.7170, 35.6355, -90.0828

Background



This preview shows how black text looks on a background with the YUV color 170.7170, 35.6355, -90.0828.

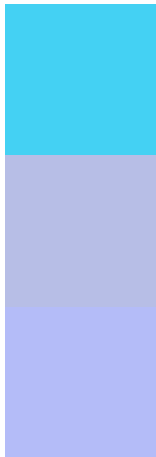


This preview shows how white text looks on a background with the YUV color 170.7170, 35.6355, -90.0828.

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

170.7170, 35.6355, -90.0828

Protanopia

192.4670, 18.5038, -8.3026

Deuteranopia

192.4480, 27.3871, -10.9169



Tritanopia

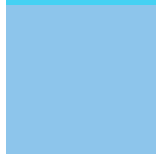
167.3050, 30.4156, -95.8605

Trichromacy



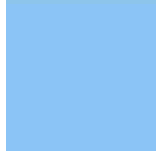
Original Color

170.7170, 35.6355, -90.0828



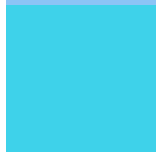
Protanomaly

184.5880, 24.8531, -38.2267



Deuteranomaly

184.6570, 30.2421, -40.0412



Tritanomaly

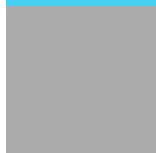
168.4840, 32.2994, -93.3865

Monochromacy



Original Color

170.7170, 35.6355, -90.0828



Achromatopsia

171.0000, 0.0000, 0.0000



Achromatomaly

171.1190, 12.7593, -32.5534

CSS Examples

Text

The CSS property to change the color of the text to YUV 170.7170, 35.6355, -90.0828 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, 209, 243)` looks like.

```
.text, #text, p{  
    color:rgb(68, 209, 243)  
}
```

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, 209, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 209, 243) }
```

Border

The CSS property to change the border of an element to YUV 170.7170, 35.6355, -90.0828 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, 209, 243) }
```


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

```
.border{ border-color:rgb(68, 209, 243) }
```

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

Here you see how a box with a 4 pixel rgb(68, 209, 243) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 209, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(68, 209, 243);  
box-shadow:4px 4px 4px 4px rgb(68, 209,  
243) }
```

Background

The CSS property to change the background color of an element to YUV 170.7170, 35.6355, -90.0828 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 209, 243) }
```

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

```
.background{ background-color: rgb(68, 209,  
243) }
```

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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