

# Converting Colors

YUV(155.1990, 37.8629,  
-104.5375)

Have a look what the booklet for  
YUV(155.1990, 37.8629, -104.5375)  
contains.

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# Color

**YUV(155.1990, 37.8629,  
-104.5375)**

# Conversions

## Conversions Part 1

Format	Color
Hex	24C9E8
RGB	36, 201, 232
RGB Percent	14%, 79%, 91%
CMY	0.8588, 0.2118, 0.0902
CMYK	0.84, 0.13, 0.00, 0.09
HSL	189°, 81%, 53%
HSV	189°, 84%, 91%
XYZ	36.1797, 47.9746, 83.6971
YIQ	155.1990, -108.2910, -25.3390

# Conversions

## Conversions Part 2

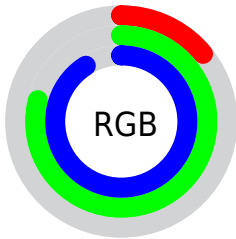
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	36, 126, 232
Decimal	2410984
CIE <sub>Lab</sub>	74.81, -29.05, -26.64
CIE <sub>LCh</sub>	75, 39.419, 222.521
Yxy	47.9746, 0.2155, 0.2858
Android (android.graphics.Color)	4280601064 (0xFF24C9E8)
YUV	155.1990, 37.8629, -104.5375
Hunter-Lab	69.2637, -27.9724, -23.1605

# Details

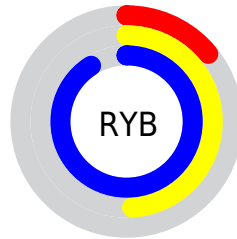
The YUV color **155.1990, 37.8629, -104.5375** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light washed cyan. A complement of this color would be **112.8010, -37.8629, 104.5375**, and the grayscale version is **155.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **214.3360, 20.0474, -83.6097**, and **106.3530, 34.3360, -93.2716** is the 20% darker color. If you saturate the color by 10%, you get **145.9740, 42.4108, -116.6182**, and if you desaturate by 10%, it is **164.4240, 33.3150, -92.4568**.

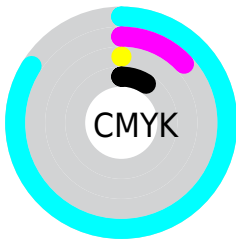
# Distribution



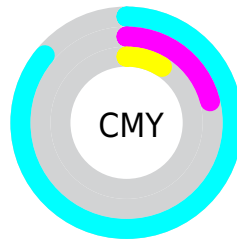
- Red (14%)
- Green (79%)
- Blue (91%)



- Red (14%)
- Yellow (49%)
- Blue (91%)



- Cyan (84%)
- Magenta (13%)
- Yellow (0%)
- Black (9%)



- Cyan (86%)
- Magenta (21%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 155.1990, 37.8629, -104.5375 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 155.1990, 37.8629, -104.5375 by changing the saturation by 10% instead.



155.1990, 37.8629,  
-104.5375

155.1990, 37.8629,  
-104.5375

255.0000, 0.0000,  
0.0000

124.8070, 39.0421,  
-109.4557

214.3360, 20.0474,  
-83.6097

106.3530, 34.3360,  
-93.2716

224.2030, 15.1829,  
-63.3220

88.1270, 30.5034,  
-77.2874

233.4720, 10.6133,  
-44.2639

69.9010, 26.6708,  
-61.3032

243.0400, 5.8963,  
-24.5911

52.9630, 22.6962,  
-46.4486

252.3090, 1.3267,  
-5.5330

36.7260, 18.8691,  
-32.2087

22.3640, 14.6105,

-19.6132

■ 4.7080, 12.9620,  
-4.1289

■ 0.1140, 0.4368,  
-0.1000

■ 155.1990, 37.8629,  
-104.5375

■ 155.1990, 37.8629,  
-104.5375

■ 145.9740, 42.4108,  
-116.6182

■ 164.4240, 33.3150,  
-92.4568

■ 140.9130, 44.9059,  
-123.5807

■ 173.0620, 29.0564,  
-79.8614

■ 182.5860, 24.3611,  
-67.1659

■ 191.8110, 19.8132,  
-55.0852

■ 200.4490, 15.5546,  
-42.4898

■ 209.6740, 11.0067,  
-30.4091

■ 218.8990, 6.4588,  
-18.3284

■ 227.8360, 2.0529,  
-5.1182

■ 237.0610, -2.4951,  
6.9625

# Harmonies

## Analogous

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



159.4770, 19.4848, -89.8723



155.1990, 37.8629, -104.5375



171.1250, 40.3644, -66.7616

# Triad

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



155.1990, 37.8629, -104.5375



189.2890, 8.7315, 46.2275



180.2440, -33.6443, 11.1870

# Complementary

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



155.1990, 37.8629, -104.5375



112.8010, -37.8629, 104.5375

# 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.



183.4090, -33.7256, 37.3523



155.1990, 37.8629, -104.5375



187.1970, -8.4781, 59.4632

# Square

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



155.1990, 37.8629, -104.5375



188.5270, 24.3902, 17.0778



185.7500, -24.0338, 55.4703



175.5050, -22.9270, -19.7369



# Rectangle

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



155.1990, 37.8629, -104.5375



179.8020, 37.0726, -37.5374



185.7500, -24.0338, 55.4703



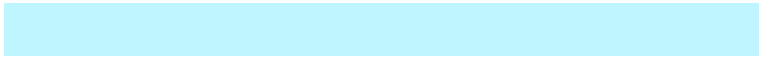
181.3700, -34.6924, 20.7235

# Sweetspot

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



155.1990, 37.8629, -104.5375



229.9940, 12.3280, -34.1977



154.3580, -44.0535, -103.8000



112.2300, 7.7746, -20.3727



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

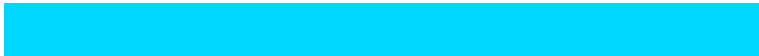


# Same Dimension

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



155.1990, 37.8629, -104.5375



155.2750, 49.1644, -136.1762



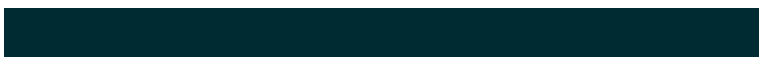
98.8470, 65.6444, -55.1168



110.2380, 2.3477, -6.3477



108.4560, 34.7782, -95.1159



31.0550, 9.8329, -27.2352



# Inverse Universe

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



113.4140, 43.1799, 103.9999



100.7550, 56.3228, 135.2729



169.1530, -65.6444, 55.1168



107.7280, 2.5991, 6.3775



70.6210, 39.1338, 95.0484

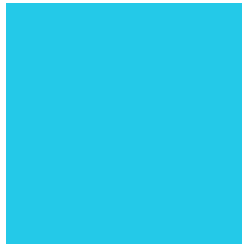


20.1510, 11.2646, 27.0546



# Previews

## White Background



This preview shows how the YUV color 155.1990, 37.8629, -104.5375 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

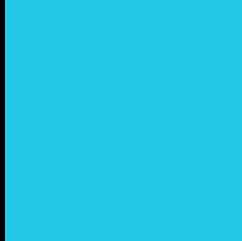
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 155.1990, 37.8629, -104.5375 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

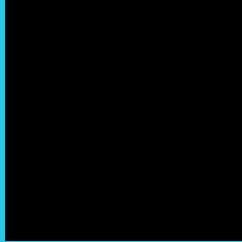
Any Text WCAG AA ✓ Pass

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 155.1990, 37.8629, -104.5375 Background



This preview shows how black text looks on a background with the YUV color 155.1990, 37.8629, -104.5375.



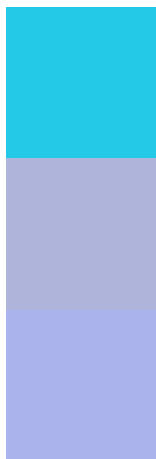
This preview shows how white text looks on a background with the YUV color 155.1990, 37.8629, -104.5375.

-104.5375.

# 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

155.1990, 37.8629, -104.5375

### Protanopia

183.4240, 17.0460, -7.3878

### Deuteranopia

183.2200, 26.5135, -10.7169



## Tritanopia

144.5400, 37.2018, -125.8846

# Trichromacy



## Original Color

155.1990, 37.8629, -104.5375



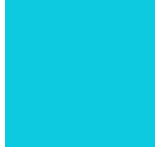
## Protanomaly

172.8540, 24.7220, -42.8450



## Deuteranomaly

173.0370, 30.5478, -44.7594



## Tritanomaly

148.2960, 37.3221, -117.7776

# Monochromacy



## Original Color

155.1990, 37.8629, -104.5375



## Achromatopsia

155.0000, 0.0000, 0.0000



## Achromatomaly

155.3140, 13.6492, -37.9864

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 155.1990, 37.8629, -104.5375 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(36, 201, 232)` looks like.

```
.text, #text, p{  
    color:rgb(36, 201, 232)  
}
```

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(36, 201, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 201, 232) }
```

## Border

The CSS property to change the border of an element to YUV 155.1990, 37.8629, -104.5375 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(36, 201, 232) }
```



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

```
.border{ border-color:rgb(36, 201, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(36, 201, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 201, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(36, 201, 232);  
box-shadow:4px 4px 4px 4px rgb(36, 201,  
232) }
```

# Background

The CSS property to change the background color of an element to YUV 155.1990, 37.8629, -104.5375 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 201, 232) }
```

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

```
.background{ background-color: rgb(36, 201,  
232) }
```

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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