

# Converting Colors

YUV(155.4450, 21.4726,  
-74.0583)

Have a look what the booklet for  
YUV(155.4450, 21.4726, -74.0583)  
contains.

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# Color

**YUV(155.4450, 21.4726,  
-74.0583)**

# Conversions

## Conversions Part 1

Format	Color
Hex	47BEC7
RGB	71, 190, 199
RGB Percent	28%, 75%, 78%
CMY	0.7216, 0.2549, 0.2196
CMYK	0.64, 0.05, 0.00, 0.22
HSL	184°, 53%, 53%
HSV	184°, 64%, 78%
XYZ	31.3208, 42.2900, 60.5448
YIQ	155.4450, -73.8130, -22.4290

# Conversions

## Conversions Part 2

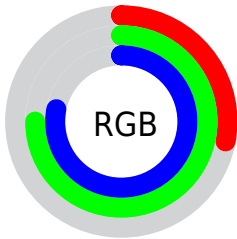
Format	Color
R <sub>Y</sub> B	71, 133, 199
Decimal	4701895
CIE Lab	71.07, -29.95, -14.34
CIE LCh	71, 33.204, 205.590
Yxy	42.2900, 0.2335, 0.3152
Android (android.graphics.Color)	4282891975 (0xFF47BEC7)
YUV	155.4450, 21.4726, -74.0583
Hunter-Lab	65.0308, -27.8329, -9.6785

# Details

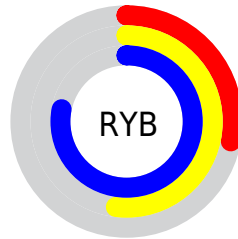
The YUV color **155.4450, 21.4726, -74.0583** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted azure. A complement of this color would be **114.5550, -21.4726, 74.0583**, and the grayscale version is **155.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **214.1250, 20.1514, -70.2696**, and **96.3620, 23.9785, -84.5095** is the 20% darker color. If you saturate the color by 10%, you get **148.8780, 24.7101, -85.8390**, and if you desaturate by 10%, it is **162.0120, 18.2351, -62.2775**.

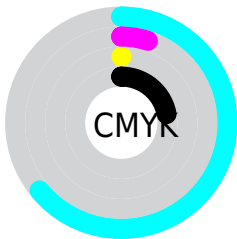
# Distribution



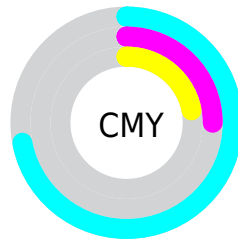
- Red (28%)
- Green (75%)
- Blue (78%)



- Red (28%)
- Yellow (52%)
- Blue (78%)



- Cyan (64%)
- Magenta (5%)
- Yellow (0%)
- Black (22%)




- Cyan (72%)
- Magenta (25%)
- Yellow (22%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 155.4450, 21.4726, -74.0583 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 155.4450, 21.4726, -74.0583 by changing the saturation by 10% instead.




 155.4450, 21.4726,  
-74.0583


 155.4450, 21.4726,  
-74.0583


255.0000, 0.0000,  
0.0000

 124.2590, 23.5363,  
-82.6651


 214.1250, 20.1514,  
-70.2696


 96.3620, 23.9785,  
-84.5095

 227.7910, 13.4140,  
-55.9447

 78.1360, 20.1460,  
-68.5253


 236.7610, 8.9918,  
-37.5014

 61.3120, 16.6082,  
-53.7706

 245.7310, 4.5696,  
-19.0581

 44.4880, 13.0704,  
-39.0160

254.7010, 0.1474,  
-0.6148

 29.0660, 9.8275,  
-25.4909

 8.4750, 9.6258,

-7.4326

■ 0.0000, 0.0000,  
0.0000

■ 155.4450, 21.4726,  
-74.0583

■ 155.4450, 21.4726,  
-74.0583

■ 148.8780, 24.7101,  
-85.8390

■ 162.0120, 18.2351,  
-62.2775

■ 141.7240, 28.2371,  
-97.1049

■ 169.1660, 14.7082,  
-51.0116

■ 135.1570, 31.4746,  
-108.8857

■ 175.7330, 11.4706,  
-39.2308

■ 131.2810, 33.3855,  
-115.1334

■ 182.8870, 7.9437,  
-27.9649

■ 189.4540, 4.7062,  
-16.1842

■ 195.7220, 1.6161,  
-5.0182

■ 202.8760, -1.9109,  
6.2477

■ 209.4430, -5.1484,  
18.0285

■ 216.5970, -8.6753,  
29.2944

# Harmonies

## Analogous

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



159.6850, 4.0993, -54.9747



155.4450, 21.4726, -74.0583



159.4210, 31.3444, -67.0212

# Triad

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



155.4450, 21.4726, -74.0583



178.1770, 15.1957, 26.1548



172.8740, -29.0249, 22.9125

# Complementary

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



155.4450, 21.4726, -74.0583



114.5550, -21.4726, 74.0583

# 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.



174.5480, -24.4272, 41.6154



155.4450, 21.4726, -74.0583



177.6280, 1.1694, 45.0532

# Square

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



155.4450, 21.4726, -74.0583



176.0360, 25.6183, -3.5396



176.7630, -13.6872, 50.1968



169.4580, -24.8758, -1.2787



# Rectangle

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



155.4450, 21.4726, -74.0583



165.5850, 32.7426, -48.7480



176.7630, -13.6872, 50.1968



173.4450, -28.3204, 30.3047

# Sweetspot

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



155.4450, 21.4726, -74.0583



238.8870, 7.9437, -27.9649



147.1620, -33.1109, -66.7941



117.2690, 5.2904, -16.8989



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.



155.4450, 21.4726, -74.0583



188.1780, 32.9432, -113.2891



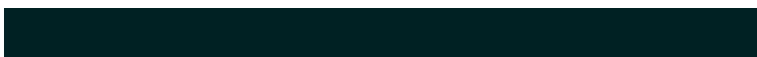
117.8770, 39.9936, -41.1111



96.3090, 1.3267, -5.5330



107.8060, 27.2106, -94.5459



23.4750, 6.1748, -20.5876



# Inverse Universe

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



122.8380, 33.1109, 66.7941



138.3520, 50.6055, 102.3003



152.1230, -39.9936, 41.1111



93.7170, 2.6045, 4.6332



66.0650, 42.3660, 85.0120

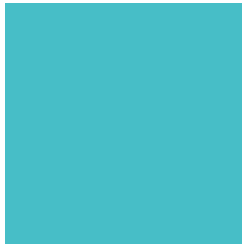


14.5260, 9.1077, 18.8327



# Previews

## White Background



This preview shows how the YUV color 155.4450, 21.4726, -74.0583 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

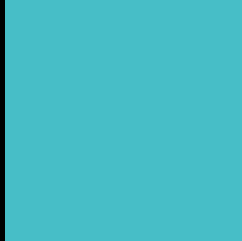
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 155.4450, 21.4726, -74.0583 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

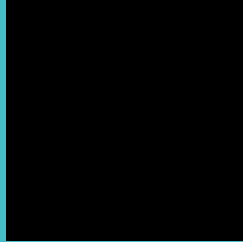
Any Text WCAG AA ✓ Pass

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 155.4450, 21.4726, -74.0583 Background



This preview shows how black text looks on a background with the YUV color 155.4450, 21.4726, -74.0583.



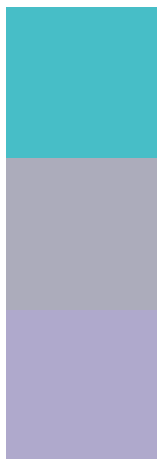
This preview shows how white text looks on a background with the YUV color 155.4450, 21.4726, -74.0583.

-74.0583.

# 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

155.4450, 21.4726, -74.0583

### Protanopia

173.7100, 6.5520, -1.4997

### Deuteranopia

174.7840, 14.4035, 0.1894



## Tritanopia

156.3250, 23.5038, -72.1990

# Trichromacy



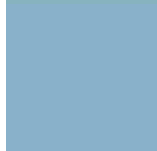
## Original Color

155.4450, 21.4726, -74.0583



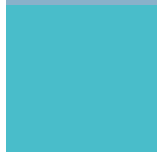
## Protanomaly

167.2120, 11.7275, -28.2499



## Deuteranomaly

167.8900, 16.8162, -27.0905



## Tritanomaly

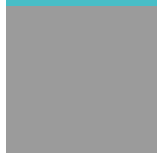
155.7980, 22.7776, -72.6138

# Monochromacy



## Original Color

155.4450, 21.4726, -74.0583



## Achromatopsia

155.0000, 0.0000, 0.0000



## Achromatomaly

155.1860, 7.7963, -27.3501

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 155.4450, 21.4726, -74.0583 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(71, 190, 199)` looks like.

```
.text, #text, p{  
    color:rgb(71, 190, 199)  
}
```

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(71, 190, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 190, 199) }
```

## Border

The CSS property to change the border of an element to YUV 155.4450, 21.4726, -74.0583 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(71, 190, 199) }
```



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

```
.border{ border-color:rgb(71, 190, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 190, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 190, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 190, 199);  
box-shadow:4px 4px 4px 4px rgb(71, 190,  
199) }
```

# Background

The CSS property to change the background color of an element to YUV 155.4450, 21.4726, -74.0583 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 190, 199) }
```

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

```
.background{ background-color: rgb(71, 190,  
199) }
```

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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