

# Converting Colors

YUV(172.2390, 20.5882,  
-70.3696)

Have a look what the booklet for  
YUV(172.2390, 20.5882, -70.3696)  
contains.

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# Color

**YUV(172.2390, 20.5882,  
-70.3696)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5CCDD6
RGB	92, 205, 214
RGB Percent	36%, 80%, 84%
CMY	0.6392, 0.1961, 0.1608
CMYK	0.57, 0.04, 0.00, 0.16
HSL	184°, 60%, 60%
HSV	184°, 57%, 84%
XYZ	38.3826, 50.7930, 71.3994
YIQ	172.2390, -70.2370, -21.1570

# Conversions

## Conversions Part 2

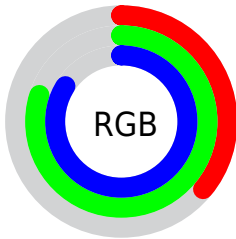
Format	Color
<a href="#">RYB</a>	<a href="#">92, 151, 214</a>
Decimal	<a href="#">6082006</a>
CIELab	<a href="#">76.55, -29.36, -14.18</a>
CIElCh	<a href="#">77, 32.608, 205.780</a>
Yxy	<a href="#">50.7930, 0.2390, 0.3163</a>
Android (android.graphics.Color)	<a href="#">4284272086 (0xFF5CCDD6)</a>
YUV	<a href="#">172.2390, 20.5882, -70.3696</a>
Hunter-Lab	<a href="#">71.2692, -28.5886, -9.5099</a>

# Details

The YUV color **172.2390, 20.5882, -70.3696** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **133.7610, -20.5882, 70.3696**, and the grayscale version is **172.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **224.2030, 15.1829, -63.3220**, and **107.3720, 25.4526, -90.6572** is the 20% darker color. If you saturate the color by 10%, you get **164.7860, 24.2625, -82.2503**, and if you desaturate by 10%, it is **179.6920, 16.9138, -58.4889**.

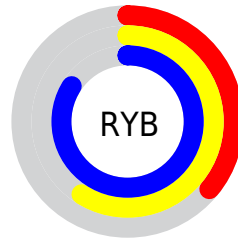
# Distribution



Red (36%)

Green (80%)

Blue (84%)



Red (36%)

Yellow (59%)

Blue (84%)

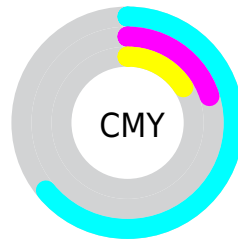


Cyan (57%)

Magenta (4%)

Yellow (0%)

Black (16%)



Cyan (64%)

Magenta (20%)

Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 172.2390, 20.5882, -70.3696 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 172.2390, 20.5882, -70.3696 by changing the saturation by 10% instead.



172.2390, 20.5882,  
-70.3696

172.2390, 20.5882,  
-70.3696

255.0000, 0.0000,  
0.0000

142.7440, 21.3252,  
-73.4435

224.2030, 15.1829,  
-63.3220

107.3720, 25.4526,  
-90.6572

233.1730, 10.7607,  
-44.8787

87.9500, 22.2096,  
-77.1321

242.1430, 6.3385,  
-26.4354

70.4250, 18.5245,  
-61.7627

251.1130, 1.9163,  
-7.9921

53.6010, 14.9867,  
-47.0081

36.8910, 11.8857,  
-32.3534

23.2300, 7.7746,

-20.3727

■ 2.6390, 7.5730,  
-2.3144

■ 0.0000, 0.0000,  
0.0000

■ 172.2390, 20.5882,  
-70.3696

■ 172.2390, 20.5882,  
-70.3696

■ 164.7860, 24.2625,  
-82.2503

■ 179.6920, 16.9138,  
-58.4889

■ 157.6210, 27.7948,  
-95.2606

■ 186.8570, 13.3815,  
-45.4786

■ 150.1680, 31.4692,  
-107.1413

■ 194.3100, 9.7072,  
-33.5979

■ 143.0030, 35.0015,  
-120.1516

■ 201.4750, 6.1748,  
-20.5876

■ 140.6220, 36.1754,  
-123.3255

■ 208.9280, 2.5005,  
-8.7069

■ 215.7940, -0.8844,  
3.6887

■ 223.5460, -4.7062,  
16.1842

■ 228.6070, -7.2013,  
23.1467

■ 229.1940, -7.4906,  
22.6319

# Harmonies

## Analogous

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



175.2830, 3.8045, -53.7452



172.2390, 20.5882, -70.3696



176.2150, 30.4600, -63.3326

# Triad

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



172.2390, 20.5882, -70.3696



193.6500, 14.4696, 25.7400



187.8740, -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.



172.2390, 20.5882, -70.3696



133.7610, -20.5882, 70.3696

# 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.



189.8470, -24.5746, 42.2302



172.2390, 20.5882, -70.3696



193.4000, 0.2958, 45.2532

# Square

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



172.2390, 20.5882, -70.3696



191.0360, 25.6183, -3.5396



191.7630, -13.6872, 50.1968



184.4580, -24.8758, -1.2787



# Rectangle

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



172.2390, 20.5882, -70.3696



181.4820, 32.3004, -46.9037



191.7630, -13.6872, 50.1968



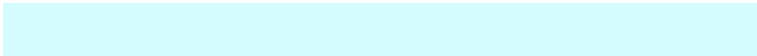
188.4450, -28.3204, 30.3047

# Sweetspot

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



172.2390, 20.5882, -70.3696



240.3820, 7.2067, -24.8910



164.5260, -31.8113, -63.6053



119.0520, 4.4114, -14.9546



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.



172.2390, 20.5882, -70.3696



195.6420, 29.2635, -99.6640



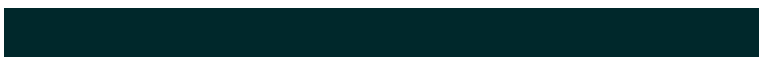
137.0190, 37.9516, -39.4817



103.1240, 1.9109, -6.2477



112.2400, 28.9687, -98.4345



28.3820, 7.2067, -24.8910



# Inverse Universe

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



141.3600, 31.3745, 63.7053



151.9670, 44.3863, 90.3599



168.9810, -37.9516, 39.4817



100.4290, 2.7465, 5.7628



69.1410, 43.8075, 89.3303

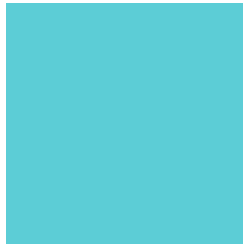


17.4170, 11.1334, 22.4363



# Previews

## White Background



This preview shows how the YUV color 172.2390, 20.5882, -70.3696 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

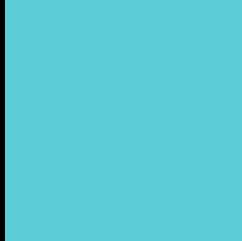
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 172.2390, 20.5882, -70.3696 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

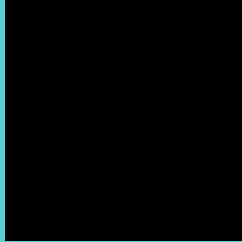
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 172.2390, 20.5882, -70.3696

## Background



This preview shows how black text looks on a background with the YUV color 172.2390, 20.5882, -70.3696.



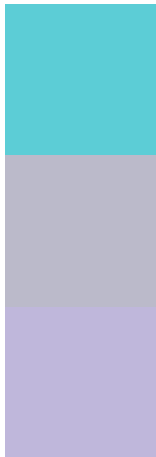
This preview shows how white text looks on a background with the YUV color 172.2390, 20.5882, -70.3696.



# 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

172.2390, 20.5882, -70.3696

### Protanopia

188.1230, 6.8414, -0.9849

### Deuteranopia

189.4960, 14.5455, 1.3190



## Tritanopia

173.2330, 23.0561, -68.6103

# Trichromacy



**Original Color**

172.2390, 20.5882, -70.3696

**Protanomaly**

182.2230, 11.7221, -26.5056

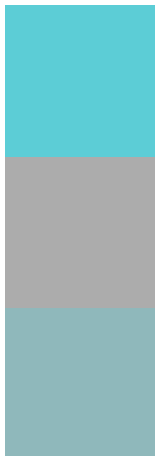
**Deuteranomaly**

183.2000, 16.6634, -24.7314

**Tritanomaly**

172.7060, 22.3299, -69.0252

# Monochromacy



**Original Color**

172.2390, 20.5882, -70.3696

**Achromatopsia**

172.0000, 0.0000, 0.0000

**Achromatomaly**

172.0830, 7.3541, -25.5058

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 172.2390, 20.5882, -70.3696 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(92, 205, 214)` looks like.

```
.text, #text, p{  
    color:rgb(92, 205, 214)  
}
```

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(92, 205, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 205, 214) }
```

## Border

The CSS property to change the border of an element to YUV 172.2390, 20.5882, -70.3696 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(92, 205, 214) }
```



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

```
.border{ border-color:rgb(92, 205, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 205, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 205, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 205, 214);  
box-shadow:4px 4px 4px 4px rgb(92, 205,  
214) }
```

# Background

The CSS property to change the background color of an element to YUV 172.2390, 20.5882, -70.3696 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 205, 214) }
```

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

```
.background{ background-color: rgb(92, 205,  
214) }
```

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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