

Converting Colors

YUV(171.4030, 21.9863,
-52.0964)

Have a look what the booklet for
YUV(171.4030, 21.9863, -52.0964)
contains.

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Color

**YUV(171.4030, 21.9863,
-52.0964)**

Conversions

Conversions Part 1

Format	Color
Hex	70C1D8
RGB	112, 193, 216
RGB Percent	44%, 76%, 85%
CMY	0.5608, 0.2431, 0.1529
CMYK	0.48, 0.11, 0.00, 0.15
HSL	193°, 57%, 64%
HSV	193°, 48%, 85%
XYZ	38.1467, 46.5425, 71.9388
YIQ	171.4030, -55.6590, -10.0190

Conversions

Conversions Part 2

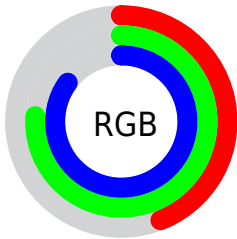
Format	Color
RYB	112, 158, 216
Decimal	7389656
CIELab	73.90, -18.67, -19.20
CIELCh	74, 26.779, 225.805
Yxy	46.5425, 0.2435, 0.2972
Android (android.graphics.Color)	4285579736 (0xFF70C1D8)
YUV	171.4030, 21.9863, -52.0964
Hunter-Lab	68.2221, -19.5795, -14.7646

Details

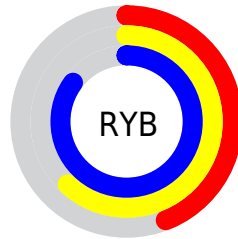
The YUV color **171.4030, 21.9863, -52.0964** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **156.5970, -21.9863, 52.0964**, and the grayscale version is **171.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **226.3510, 14.1240, -50.2968**, and **115.4950, 22.4340, -55.6851** is the 20% darker color. If you saturate the color by 10%, you get **161.8900, 26.6762, -63.0475**, and if you desaturate by 10%, it is **180.9160, 17.2964, -41.1453**.

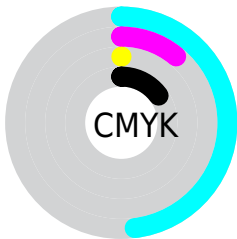
Distribution



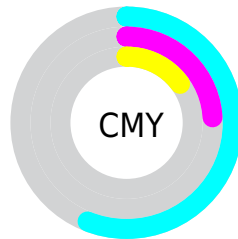
- Red (44%)
- Green (76%)
- Blue (85%)



- Red (44%)
- Yellow (62%)
- Blue (85%)



- Cyan (48%)
- Magenta (11%)
- Yellow (0%)
- Black (15%)



- Cyan (56%)
- Magenta (24%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YUV color 171.4030, 21.9863, -52.0964 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 171.4030, 21.9863, -52.0964 by changing the saturation by 10% instead.

■ 171.4030, 21.9863,
-52.0964

■ 171.4030, 21.9863,
-52.0964

■ 255.0000, 0.0000,
0.0000

■ 143.6910, 21.8443,
-53.2260

■ 226.3510, 14.1240,
-50.2968

■ 115.4950, 22.4340,
-55.6851

■ 237.9570, 8.4022,
-35.0423

■ 84.4010, 24.9453,
-67.8807

■ 246.9270, 3.9800,
-16.5990

■ 64.7830, 22.2920,
-56.8147

■ 47.8450, 18.3174,
-41.9601

■ 32.3090, 14.6377,
-28.3350

■ 18.6480, 10.5265,

-16.3543

■ 2.7530, 8.0098,
-2.4144

■ 0.0000, 0.0000,
0.0000

■ 171.4030, 21.9863,
-52.0964

■ 171.4030, 21.9863,
-52.0964

■ 161.8900, 26.6762,
-63.0475

■ 180.9160, 17.2964,
-41.1453

■ 152.6760, 31.2187,
-73.3839

■ 190.1300, 12.7539,
-30.8090

■ 143.7500, 35.6193,
-84.8498

■ 199.0560, 8.3534,
-19.3431

■ 134.5360, 40.1618,
-95.1861

■ 208.2700, 3.8109,
-9.0068

■ 125.0230, 44.8517,
-106.1372

■ 217.7830, -0.8790,
1.9443

■ 123.2400, 45.7307,
-108.0815

■ 227.2960, -5.5689,
12.8954

■ 233.5310, -8.6428,
18.8283

■ 236.4660,
-10.0897, 16.2543

■ 239.4010,
-11.5367, 13.6803

Harmonies

Analogous

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



170.0690, 11.7980, -50.9265



171.4030, 21.9863, -52.0964



176.5390, 25.8633, -35.5527

Triad

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



171.4030, 21.9863, -52.0964



185.6480, 4.1175, 32.7577



178.8980, -22.1347, 6.2285

Complementary

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



171.4030, 21.9863, -52.0964



156.5970, -21.9863, 52.0964

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.



181.3780, -23.3574, 25.1015



171.4030, 21.9863, -52.0964



184.9020, -7.8397, 41.3049

Square

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



171.4030, 21.9863, -52.0964



185.1000, 15.2337, 13.9443



183.2470, -17.8698, 38.3714



176.1170, -14.3547, -15.8886

Rectangle

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



171.4030, 21.9863, -52.0964



180.2960, 24.5041, -19.5536



183.2470, -17.8698, 38.3714



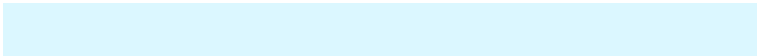
180.3010, -23.3194, 12.8910

Sweetspot

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



171.4030, 21.9863, -52.0964



239.5400, 7.6218, -18.0136



175.6700, -20.0503, -55.8386



118.4870, 4.6899, -10.9511



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.



171.4030, 21.9863, -52.0964



191.3770, 31.3661, -73.9986



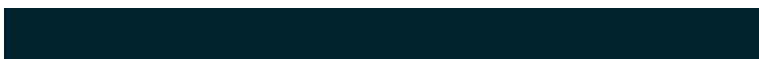
140.8790, 37.0347, -25.3269



102.5370, 2.2003, -5.7329



97.5650, 36.2035, -85.5645



24.8600, 8.9430, -21.8022

Inverse Universe

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



152.3300, 20.0503, 55.8386



164.3620, 28.4155, 79.4895



187.1210, -37.0347, 25.3269



100.3150, 2.3097, 5.8627



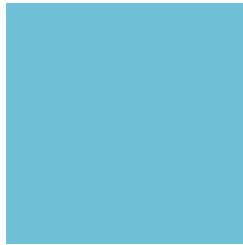
66.2910, 32.8875, 91.8298



16.7330, 8.5126, 23.0362

Previews

White Background



This preview shows how the YUV color 171.4030, 21.9863, -52.0964 looks on a white background.

Color Contrast Check

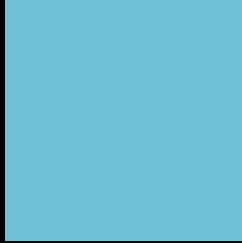
Large Text (above 18pt) WCAG AA × Fail

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 171.4030, 21.9863, -52.0964 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 171.4030, 21.9863, -52.0964 Background



This preview shows how black text looks on a background with the YUV color 171.4030, 21.9863, -52.0964.



This preview shows how white text looks on a background with the YUV color 171.4030, 21.9863, -52.0964.

-52.0964.

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

171.4030, 21.9863, -52.0964

Protanopia

181.2950, 12.6726, -4.6437

Deuteranopia

182.5000, 18.4875, -3.0695



Tritanopia

170.7080, 19.3710, -53.2409

Trichromacy



Original Color

171.4030, 21.9863, -52.0964

Protanomaly

177.6950, 15.9264, -21.6575

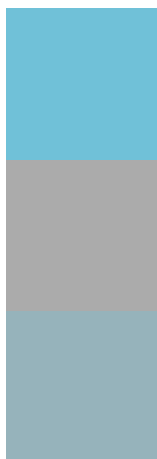
Deuteranomaly

178.7320, 19.8521, -20.8130

Tritanomaly

171.2350, 20.0971, -52.8261

Monochromacy



Original Color

171.4030, 21.9863, -52.0964

Achromatopsia

171.0000, 0.0000, 0.0000

Achromatomaly

171.2410, 7.7692, -18.6284

CSS Examples

Text

The CSS property to change the color of the text to YUV 171.4030, 21.9863, -52.0964 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(112, 193, 216)` looks like.

```
.text, #text, p{  
    color:rgb(112, 193, 216)  
}
```

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(112, 193, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 193, 216) }
```

Border

The CSS property to change the border of an element to YUV 171.4030, 21.9863, -52.0964 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(112, 193, 216) }
```


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

```
.border{ border-color:rgb(112, 193, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 193, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 193, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 193, 216);  
box-shadow:4px 4px 4px 4px rgb(112, 193,  
216) }
```

Background

The CSS property to change the background color of an element to YUV 171.4030, 21.9863, -52.0964 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 193, 216) }
```

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

```
.background{ background-color: rgb(112,  
193, 216) }
```

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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