

Converting Colors

YUV(160.4390, 23.9406,
-72.2990)

Have a look what the booklet for
YUV(160.4390, 23.9406, -72.2990)
contains.

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Color

**YUV(160.4390, 23.9406,
-72.2990)**

Conversions

Conversions Part 1

Format	Color
Hex	4EC1D1
RGB	78, 193, 209
RGB Percent	31%, 76%, 82%
CMY	0.6941, 0.2431, 0.1804
CMYK	0.63, 0.08, 0.00, 0.18
HSL	187°, 59%, 56%
HSV	187°, 63%, 82%
XYZ	33.7205, 44.3631, 67.1073
YIQ	160.4390, -73.6760, -19.4040

Conversions

Conversions Part 2

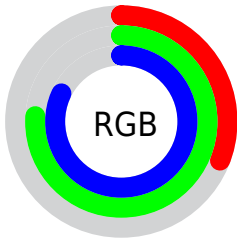
Format	Color
RYB	78, 139, 209
Decimal	5161425
CIELab	72.47, -27.38, -17.67
CIELCh	72, 32.583, 212.835
Yxy	44.3631, 0.2322, 0.3056
Android (android.graphics.Color)	4283351505 (0xFF4EC1D1)
YUV	160.4390, 23.9406, -72.2990
Hunter-Lab	66.6056, -26.1905, -13.1126

Details

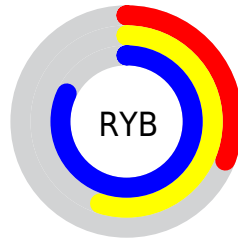
The YUV color **160.4390, 23.9406, -72.2990** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **126.5610, -23.9406, 72.2990**, and the grayscale version is **160.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **217.6800, 18.3988, -68.1254**, and **99.2630, 27.4783, -87.0537** is the 20% darker color. If you saturate the color by 10%, you get **152.3990, 27.9043, -83.6649**, and if you desaturate by 10%, it is **168.4790, 19.9769, -60.9331**.

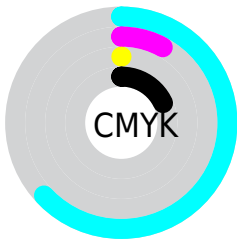
Distribution



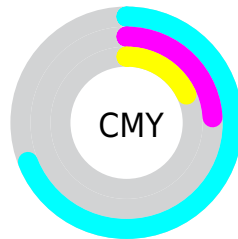
- Red (31%)
- Green (76%)
- Blue (82%)



- Red (31%)
- Yellow (55%)
- Blue (82%)



- Cyan (63%)
- Magenta (8%)
- Yellow (0%)
- Black (18%)



- Cyan (69%)
- Magenta (24%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YUV color 160.4390, 23.9406, -72.2990 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 160.4390, 23.9406, -72.2990 by changing the saturation by 10% instead.

160.4390, 23.9406,
-72.2990

160.4390, 23.9406,
-72.2990

255.0000, 0.0000,
0.0000

130.0360, 25.1253,
-78.9616

217.6800, 18.3988,
-68.1254

99.2630, 27.4783,
-87.0537

229.5850, 12.5296,
-52.2560

81.0370, 23.6458,
-71.0694

238.5550, 8.1074,
-33.8127

63.3980, 19.5238,
-55.6000

247.5250, 3.6852,
-15.3694

47.1610, 15.6966,
-41.3602

31.0380, 12.3063,
-27.2203

13.9690, 10.3683,

-12.2508

■ 1.2540, 4.8048,
-1.0998

■ 0.0000, 0.0000,
0.0000

■ 160.4390, 23.9406,
-72.2990

■ 160.4390, 23.9406,
-72.2990

■ 152.3990, 27.9043,
-83.6649

■ 168.4790, 19.9769,
-60.9331

■ 144.9460, 31.5786,
-95.5456

■ 175.9320, 16.3025,
-49.0524


■ 136.9060, 35.5423,
-106.9116

■ 183.9720, 12.3388,
-37.6864


■ 131.2470, 38.3322,
-115.1036


■ 191.4250, 8.6645,
-25.8057

 199.4650, 4.7008,
-14.4398

 206.6190, 1.1738,
-3.1739

 214.6590, -2.7899,
8.1921

 222.1120, -6.4642,
20.0728

 226.8630, -8.8065,
24.6761

Harmonies

Analogous

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



162.8030, 8.4781, -59.4632



160.4390, 23.9406, -72.2990



166.1770, 31.4647, -58.9142

Triad

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



160.4390, 23.9406, -72.2990



182.4720, 11.1063, 31.1581



175.9550, -28.5718, 17.5795

Complementary

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



160.4390, 23.9406, -72.2990



126.5610, -23.9406, 72.2990

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.



178.4720, -25.8687, 37.2971



160.4390, 23.9406, -72.2990



181.3140, -2.6198, 47.0826

Square

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



160.4390, 23.9406, -72.2990



180.8090, 23.2652, 4.5525



179.7690, -16.1551, 48.4376



172.6960, -22.5281, -7.6264

Rectangle

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



160.4390, 23.9406, -72.2990



172.2980, 31.4051, -39.7263



179.7690, -16.1551, 48.4376



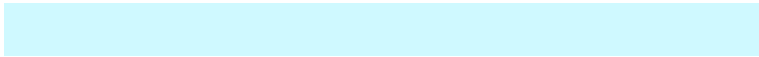
176.4120, -28.3041, 25.0717

Sweetspot

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



160.4390, 23.9406, -72.2990



237.1260, 8.8119, -26.4205



156.6070, -31.3583, -68.9383



116.6820, 5.5798, -16.3841



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.



160.4390, 23.9406, -72.2990



184.3900, 34.8107, -105.5820



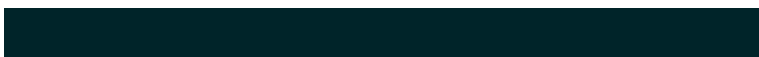
122.2840, 42.7510, -38.8371



100.5370, 2.2003, -5.7329



106.0280, 30.5522, -92.9866



25.8060, 7.4906, -22.6319

Inverse Universe

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



130.2790, 30.9215, 69.0383



140.2610, 45.2273, 100.6261



164.7160, -42.7510, 38.8371



98.3150, 2.3097, 5.8627



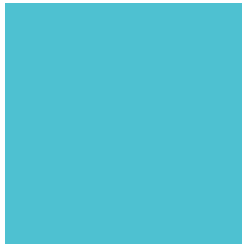
67.1040, 39.8817, 88.4858



16.3630, 9.6810, 21.6066

Previews

White Background



This preview shows how the YUV color 160.4390, 23.9406, -72.2990 looks on a white background.

Color Contrast Check

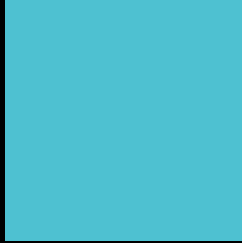
Large Text (above 18pt) WCAG AA × Fail

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 160.4390, 23.9406, -72.2990 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

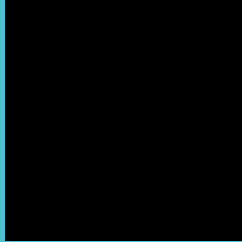
Any Text WCAG AA ✓ Pass

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 160.4390, 23.9406, -72.2990 Background



This preview shows how black text looks on a background with the YUV color 160.4390, 23.9406, -72.2990.



This preview shows how white text looks on a background with the YUV color 160.4390, 23.9406, -72.2990.

-72.2990.

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

160.4390, 23.9406, -72.2990

Protanopia

176.9100, 9.9044, -3.4291

Deuteranopia

178.1580, 17.1771, -2.7696



Tritanopia

160.4390, 23.9406, -72.2990

Trichromacy



Original Color

160.4390, 23.9406, -72.2990

Protanomaly

171.0100, 14.7851, -28.9498

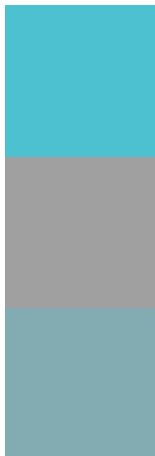
Deuteranomaly

171.6880, 19.8738, -27.7904

Tritanomaly

160.4390, 23.9406, -72.2990

Monochromacy



Original Color

160.4390, 23.9406, -72.2990

Achromatopsia

160.0000, 0.0000, 0.0000

Achromatomaly

160.1260, 8.8119, -26.4205

CSS Examples

Text

The CSS property to change the color of the text to YUV 160.4390, 23.9406, -72.2990 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(78, 193, 209)` looks like.

```
.text, #text, p{  
    color:rgb(78, 193, 209)  
}
```

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(78, 193, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 193, 209) }
```

Border

The CSS property to change the border of an element to YUV 160.4390, 23.9406, -72.2990 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(78, 193, 209) }
```


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

```
.border{ border-color:rgb(78, 193, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(78, 193, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 193, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 193, 209);  
box-shadow:4px 4px 4px 4px rgb(78, 193,  
209) }
```

Background

The CSS property to change the background color of an element to YUV 160.4390, 23.9406, -72.2990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 193, 209) }
```

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

```
.background{ background-color: rgb(78, 193,  
209) }
```

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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