

Converting Colors

YUV(170.6350, 23.3509,
-69.8399)

Have a look what the booklet for
YUV(170.6350, 23.3509, -69.8399)
contains.

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Color

**YUV(170.6350, 23.3509,
-69.8399)**

Conversions

Conversions Part 1

Format	Color
Hex	5BCADA
RGB	91, 202, 218
RGB Percent	36%, 79%, 85%
CMY	0.6431, 0.2078, 0.1451
CMYK	0.58, 0.07, 0.00, 0.15
HSL	188°, 63%, 61%
HSV	188°, 58%, 85%
XYZ	38.0898, 49.5272, 73.8818
YIQ	170.6350, -71.2920, -18.5560

Conversions

Conversions Part 2

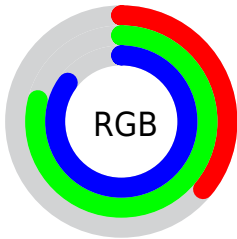
Format	Color
RYB	91, 150, 218
Decimal	6015706
CIELab	75.78, -26.96, -17.51
CIELCh	76, 32.149, 212.999
Yxy	49.5272, 0.2359, 0.3067
Android (android.graphics.Color)	4284205786 (0xFF5BCADA)
YUV	170.6350, 23.3509, -69.8399
Hunter-Lab	70.3755, -26.5465, -12.9811

Details

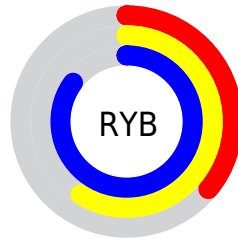
The YUV color **170.6350, 23.3509, -69.8399** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **138.3650, -23.3509, 69.8399**, and the grayscale version is **170.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **224.2030, 15.1829, -63.3220**, and **105.4580, 28.3682, -92.4867** is the 20% darker color. If you saturate the color by 10%, you get **162.2960, 27.4621, -81.8206**, and if you desaturate by 10%, it is **178.9740, 19.2398, -57.8592**.

Distribution



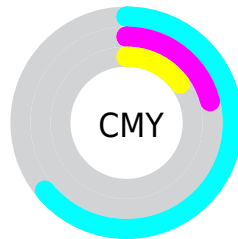
- Red (36%)
- Green (79%)
- Blue (85%)



- Red (36%)
- Yellow (59%)
- Blue (85%)



- Cyan (58%)
- Magenta (7%)
- Yellow (0%)
- Black (15%)



- Cyan (64%)
- Magenta (21%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YUV color 170.6350, 23.3509, -69.8399 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 170.6350, 23.3509, -69.8399 by changing the saturation by 10% instead.

170.6350, 23.3509,
-69.8399

170.6350, 23.3509,
-69.8399

255.0000, 0.0000,
0.0000

140.8410, 24.2354,
-73.5286

224.2030, 15.1829,
-63.3220

105.4580, 28.3682,
-92.4867

233.1730, 10.7607,
-44.8787

87.2320, 24.5356,
-76.5025

241.8440, 6.4859,
-27.0502

69.0060, 20.7030,
-60.5183

251.1130, 1.9163,
-7.9921

52.1820, 17.1653,
-45.7636

36.0590, 13.7749,
-31.6237

22.3980, 9.6638,

-19.6430

■ 2.9810, 8.8834,
-2.6143

■ 0.0000, 0.0000,
0.0000

■ 170.6350, 23.3509,
-69.8399

■ 170.6350, 23.3509,
-69.8399

■ 162.2960, 27.4621,
-81.8206

■ 178.9740, 19.2398,
-57.8592

■ 154.5440, 31.2838,
-94.3161

■ 186.7260, 15.4181,
-45.3637

■ 146.5040, 35.2475,
-105.6820

■ 194.7660, 11.4544,
-33.9978

■ 138.1650, 39.3587,
-117.6627

■ 203.1050, 7.3432,
-22.0171

■ 136.9690, 39.9483,
-120.1218

■ 211.4440, 3.2321,
-10.0364

■ 219.1960, -0.5896,
2.4591

■ 227.5350, -4.7008,
14.4398

■ 232.5850, -7.1904,
19.6580

■ 234.3460, -8.0586,
18.1136

Harmonies

Analogous

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



172.4010, 8.1833, -58.2337



170.6350, 23.3509, -69.8399



176.0740, 31.0225, -57.0699

Triad

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



170.6350, 23.3509, -69.8399



191.4720, 11.1063, 31.1581



184.9550, -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.



170.6350, 23.3509, -69.8399



138.3650, -23.3509, 69.8399

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.



187.4720, -25.8687, 37.2971



170.6350, 23.3509, -69.8399



190.9010, -2.9092, 46.5678

Square

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



170.6350, 23.3509, -69.8399



189.6950, 22.8284, 4.6525



188.7690, -16.1551, 48.4376



181.6960, -22.5281, -7.6264

Rectangle

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



170.6350, 23.3509, -69.8399



181.8960, 31.1103, -38.4968



188.7690, -16.1551, 48.4376



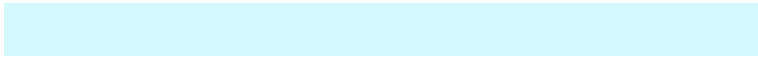
185.4120, -28.3041, 25.0717

Sweetspot

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



170.6350, 23.3509, -69.8399



239.2080, 7.7855, -23.8614



167.2590, -30.2007, -66.8791



117.8780, 4.9901, -13.9250



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.



170.6350, 23.3509, -69.8399



188.8640, 32.6050, -98.1047



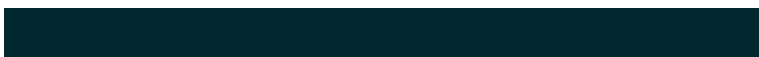
134.2410, 41.2932, -37.9224



105.5370, 2.2003, -5.7329



108.9460, 31.5786, -95.5456



28.7240, 8.5171, -25.1909

Inverse Universe

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



141.6270, 29.7639, 66.9791



148.0060, 41.9020, 93.8337



174.7590, -41.2932, 37.9224



103.3150, 2.3097, 5.8627



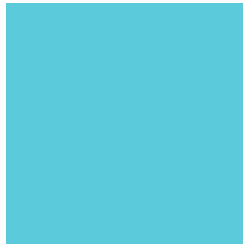
69.0550, 40.8919, 91.1598



18.3140, 10.6912, 24.2806

Previews

White Background



This preview shows how the YUV color 170.6350, 23.3509, -69.8399 looks on a white background.

Color Contrast Check

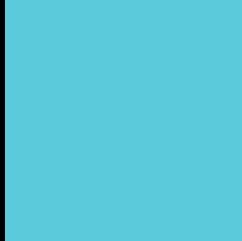
Large Text (above 18pt) WCAG AA × Fail

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 170.6350, 23.3509, -69.8399 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 170.6350, 23.3509, -69.8399

Background



This preview shows how black text looks on a background with the YUV color 170.6350, 23.3509, -69.8399.



This preview shows how white text looks on a background with the YUV color 170.6350, 23.3509, -69.8399.

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

170.6350, 23.3509, -69.8399

Protanopia

186.2090, 9.7570, -2.8143

Deuteranopia

186.9840, 17.7559, -1.7400



Tritanopia

170.6350, 23.3509, -69.8399

Trichromacy



Original Color

170.6350, 23.3509, -69.8399

Protanomaly

180.9070, 14.3428, -27.1054

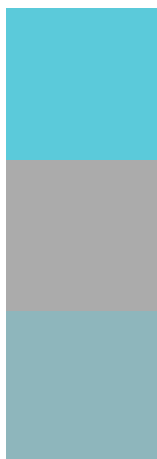
Deuteranomaly

181.2860, 19.5790, -26.5608

Tritanomaly

170.6350, 23.3509, -69.8399

Monochromacy



Original Color

170.6350, 23.3509, -69.8399

Achromatopsia

171.0000, 0.0000, 0.0000

Achromatomaly

170.7240, 8.5171, -25.1909

CSS Examples

Text

The CSS property to change the color of the text to YUV 170.6350, 23.3509, -69.8399 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(91, 202, 218)` looks like.

```
.text, #text, p{  
    color:rgb(91, 202, 218)  
}
```

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(91, 202, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 202, 218) }
```

Border

The CSS property to change the border of an element to YUV 170.6350, 23.3509, -69.8399 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(91, 202, 218) }
```


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

```
.border{ border-color:rgb(91, 202, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 202, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 202, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 202, 218);  
box-shadow:4px 4px 4px 4px rgb(91, 202,  
218) }
```

Background

The CSS property to change the background color of an element to YUV 170.6350, 23.3509, -69.8399 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 202, 218) }
```

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

```
.background{ background-color: rgb(91, 202,  
218) }
```

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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