

Converting Colors

YUV(170.7250, 23.3066,
-102.3678)

Have a look what the booklet for
YUV(170.7250, 23.3066, -102.3678)
contains.

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Color

**YUV(170.7250, 23.3066,
-102.3678)**

Conversions

Conversions Part 1

Format	Color
Hex	36DDDA
RGB	54, 221, 218
RGB Percent	21%, 87%, 85%
CMY	0.7882, 0.1333, 0.1451
CMYK	0.76, 0.00, 0.01, 0.13
HSL	179°, 71%, 54%
HSV	179°, 76%, 87%
XYZ	40.0327, 57.5591, 75.3297
YIQ	170.7250, -98.5690, -36.3370

Conversions

Conversions Part 2

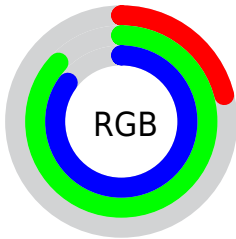
Format	Color
R_{YB}	54, 138, 221
Decimal	3595738
CIE _{Lab}	80.49, -41.12, -10.52
CIE _{LCh}	80, 42.447, 194.351
Yxy	57.5591, 0.2315, 0.3329
Android (android.graphics.Color)	4281785818 (0xFF36DDDA)
YUV	170.7250, 23.3066, -102.3678
Hunter-Lab	75.8677, -38.5805, -5.7622

Details

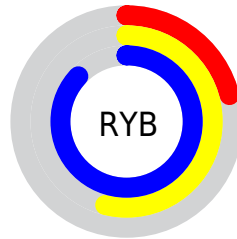
The YUV color **170.7250, 23.3066, -102.3678** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light muted cyan. A complement of this color would be **104.2750, -23.3066, 102.3678**, and the grayscale version is **171.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **217.0270, 18.7207, -78.0767**, and **115.4370, 23.4486, -101.2382** is the 20% darker color. If you saturate the color by 10%, you get **164.1470, 26.5495, -115.8929**, and if you desaturate by 10%, it is **177.3030, 20.0636, -88.8427**.

Distribution



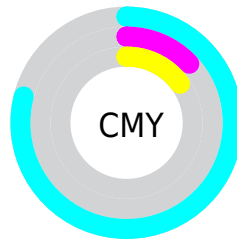
- Red (21%)
- Green (87%)
- Blue (85%)



- Red (21%)
- Yellow (54%)
- Blue (87%)



- Cyan (76%)
- Magenta (0%)
- Yellow (1%)
- Black (13%)



- Cyan (79%)
- Magenta (13%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YUV color 170.7250, 23.3066, -102.3678 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 170.7250, 23.3066, -102.3678 by changing the saturation by 10% instead.

■ 170.7250, 23.3066,
-102.3678

■ 170.7250, 23.3066,
-102.3678

■ 255.0000, 0.0000,
0.0000

■ 134.9510, 27.1392,
-118.3520

■ 217.0270, 18.7207,
-78.0767

■ 115.4370, 23.4486,
-101.2382

■ 226.5950, 14.0037,
-58.4038

■ 96.6240, 19.9054,
-84.7392

■ 236.1630, 9.2866,
-38.7310

■ 78.5120, 16.5096,
-68.8550

■ 245.4320, 4.7170,
-19.6729

■ 60.9870, 12.8244,
-53.4856

■ 254.7010, 0.1474,
-0.6148

■ 44.2770, 9.7234,
-38.8309

■ 28.8550, 6.4805,

-25.3058

■ 4.8560, 8.4520,
-4.2587

■ 0.0000, 0.0000,
0.0000

■ 170.7250, 23.3066,
-102.3678

■ 170.7250, 23.3066,
-102.3678

■ 164.1470, 26.5495,
-115.8929

■ 177.3030, 20.0636,
-88.8427

■ 157.4550, 29.3557,
-129.3180

■ 183.9950, 17.2575,
-75.4176

■ 154.4650, 30.8298,
-135.4658

■ 190.5730, 14.0145,
-61.8925

■ 197.2650, 11.2084,
-48.4674

■ 204.1420, 7.8180,
-34.3275

■ 210.7200, 4.5750,
-20.8024

■ 217.4120, 1.7689,
-7.3773

■ 223.9900, -1.4741,
6.1478

■ 230.6820, -4.2802,
19.5729

Harmonies

Analogous

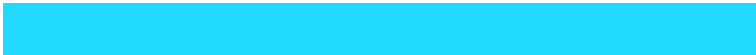
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



182.8060, -2.8624, -62.0969



170.7250, 23.3066, -102.3678



167.0880, 42.8476, -116.7182

Triad

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



170.7250, 23.3066, -102.3678



204.6630, 24.8161, 20.4665



198.6220, -36.7886, 39.7965

Complementary

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



170.7250, 23.3066, -102.3678



104.2750, -23.3066, 102.3678

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.



196.7880, -25.0385, 51.0519



170.7250, 23.3066, -102.3678



201.9300, 9.8945, 46.5424

Square

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



170.7250, 23.3066, -102.3678



196.4360, 28.8721, -20.5534



196.1960, -6.9986, 51.5711



194.9620, -35.9703, 10.5573

Rectangle

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



170.7250, 23.3066, -102.3678



178.3200, 37.8032, -85.3496



196.1960, -6.9986, 51.5711



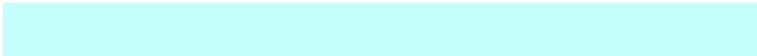
199.8340, -34.9212, 47.5036

Sweetspot

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



170.7250, 23.3066, -102.3678



237.2450, 8.2602, -36.1719



153.8230, -49.2127, -82.2828



117.1220, 4.8699, -22.0320



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.



170.7250, 23.3066, -102.3678



185.1760, 32.4512, -142.2284



125.2810, 47.1895, -62.5134



106.5970, 1.1847, -6.6626



120.9310, 24.1910, -106.0565



32.1320, 6.3439, -28.1798

Inverse Universe

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



104.2750, -23.3066, 102.3678



92.8240, -32.4512, 142.2284



149.7190, -47.1895, 62.5134



102.2890, -1.6215, 6.7625



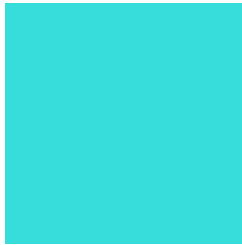
52.0690, -24.1910, 106.0565



13.8680, -6.3439, 28.1798

Previews

White Background



This preview shows how the YUV color 170.7250, 23.3066, -102.3678 looks on a white background.

Color Contrast Check

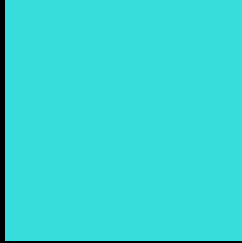
Large Text (above 18pt) WCAG AA × Fail

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 170.7250, 23.3066, -102.3678 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

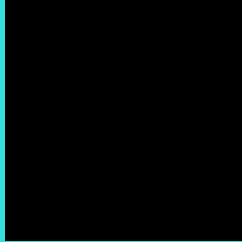
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

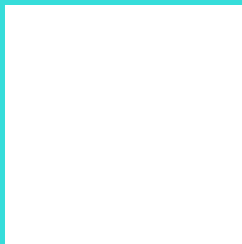
Any Text WCAG AAA ✓ Pass

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

YUV 170.7250, 23.3066, -102.3678 Background



This preview shows how black text looks on a background with the YUV color 170.7250, 23.3066, -102.3678.



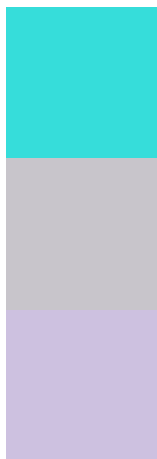
This preview shows how white text looks on a background with the YUV color 170.7250, 23.3066, -102.3678.

-102.3678.

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

170.7250, 23.3066, -102.3678

Protanopia

198.5810, 2.1786, 1.2445

Deuteranopia

200.1220, 11.7719, 4.2780



Tritanopia

174.9030, 30.1208, -94.6309

Trichromacy



Original Color

170.7250, 23.3066, -102.3678



Protanomaly

188.5870, 9.5706, -36.4718



Deuteranomaly

189.3190, 16.1117, -34.4828



Tritanomaly

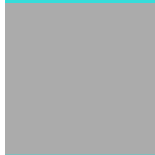
173.1970, 27.5109, -97.5198

Monochromacy



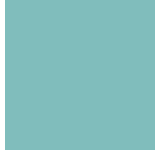
Original Color

170.7250, 23.3066, -102.3678



Achromatopsia

171.0000, 0.0000, 0.0000



Achromatomaly

170.6470, 8.5550, -37.4014

CSS Examples

Text

The CSS property to change the color of the text to YUV 170.7250, 23.3066, -102.3678 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(54, 221, 218)` looks like.

```
.text, #text, p{  
    color:rgb(54, 221, 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(54, 221, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 221, 218) }
```

Border

The CSS property to change the border of an element to YUV 170.7250, 23.3066, -102.3678 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(54, 221, 218) }
```


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

```
.border{ border-color:rgb(54, 221, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(54, 221, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 221, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 221, 218);  
box-shadow:4px 4px 4px 4px rgb(54, 221,  
218) }
```

Background

The CSS property to change the background color of an element to YUV 170.7250, 23.3066, -102.3678 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 221, 218) }
```

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

```
.background{ background-color: rgb(54, 221,  
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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