

Converting Colors

YUV(170.3860, 14.1067,
-91.5465)

Have a look what the booklet for
YUV(170.3860, 14.1067, -91.5465)
contains.

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Color

**YUV(170.3860, 14.1067,
-91.5465)**

Conversions

Conversions Part 1

Format	Color
Hex	42DAC7
RGB	66, 218, 199
RGB Percent	26%, 85%, 78%
CMY	0.7412, 0.1451, 0.2196
CMYK	0.70, 0.00, 0.09, 0.15
HSL	172°, 67%, 56%
HSV	172°, 70%, 85%
XYZ	37.6270, 55.4246, 62.7477
YIQ	170.3860, -84.4930, -38.1330

Conversions

Conversions Part 2

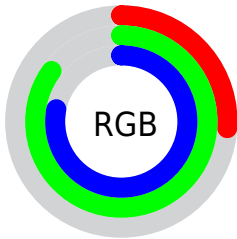
Format	Color
RYB	66, 147, 218
Decimal	4381383
CIELab	79.29, -43.58, -2.15
CIELCh	79, 43.632, 182.824
Yxy	55.4246, 0.2415, 0.3557
Android (android.graphics.Color)	4282571463 (0xFF42DAC7)
YUV	170.3860, 14.1067, -91.5465
Hunter-Lab	74.4477, -40.0669, 2.1412

Details

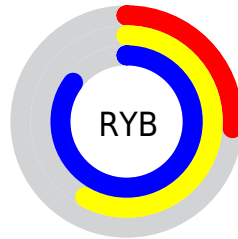
The YUV color **170.3860, 14.1067, -91.5465** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light muted cyan. A complement of this color would be **113.6140, -14.1067, 91.5465**, and the grayscale version is **170.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **218.5220, 17.9837, -75.0028**, and **111.6240, 16.4544, -97.8942** is the 20% darker color. If you saturate the color by 10%, you get **163.4660, 16.0393, -104.7717**, and if you desaturate by 10%, it is **177.3060, 12.1741, -78.3214**.

Distribution



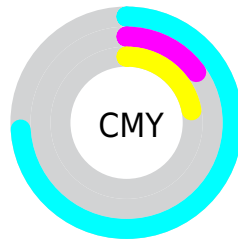
- Red (26%)
- Green (85%)
- Blue (78%)



- Red (26%)
- Yellow (58%)
- Blue (85%)



- Cyan (70%)
- Magenta (0%)
- Yellow (9%)
- Black (15%)



- Cyan (74%)
- Magenta (15%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 170.3860, 14.1067, -91.5465 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 170.3860, 14.1067, -91.5465 by changing the saturation by 10% instead.

■ 170.3860, 14.1067,
-91.5465

■ 170.3860, 14.1067,
-91.5465

■ 255.0000, 0.0000,
0.0000

■ 133.2310, 19.1131,
-110.7046

■ 218.5220, 17.9837,
-75.0028

■ 111.6240, 16.4544,
-97.8942

■ 227.7910, 13.4140,
-55.9447

■ 92.9250, 13.3480,
-81.4952

■ 237.0600, 8.8444,
-36.8866

■ 74.8130, 9.9522,
-65.6110

■ 246.3290, 4.2748,
-17.8285

■ 57.4020, 6.7038,
-50.3416

■ 40.8060, 4.0396,
-35.7869

■ 26.0850, 0.9441,

-22.8765

■ 0.2280, 0.8736,
-0.2000

■ 0.0000, 0.0000,
0.0000

■ 170.3860, 14.1067,
-91.5465

■ 170.3860, 14.1067,
-91.5465

■ 163.4660, 16.0393,
-104.7717

■ 177.3060, 12.1741,
-78.3214

■ 156.6600, 18.4086,
-118.0968


■ 184.1120, 9.8048,
-64.9962

■ 150.0390, 20.1938,
-130.7072

■ 190.7330, 8.0196,
-52.3858

■ 149.7400, 20.3412,
-131.3220

■ 197.6530, 6.0871,
-39.1607

 204.5730, 4.1545,
-25.9355

 211.3790, 1.7852,
-12.6104

 218.2990, -0.1474,
0.6148

 224.9200, -1.9326,
13.2252

 229.7470, -2.8333,
22.1469

Harmonies

Analogous

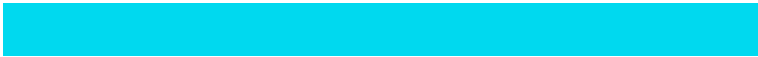
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



182.1900, -11.9257, -48.4016



170.3860, 14.1067, -91.5465



154.6250, 41.5969, -135.6061

Triad

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



170.3860, 14.1067, -91.5465



198.6720, 27.7697, 6.4267



196.1440, -35.0740, 49.8627

Complementary

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



170.3860, 14.1067, -91.5465



113.6140, -14.1067, 91.5465

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.



193.0040, -19.2290, 54.3705



170.3860, 14.1067, -91.5465



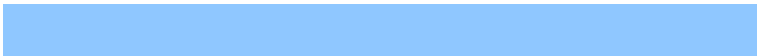
202.1020, 15.7257, 42.8835

Square

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



170.3860, 14.1067, -91.5465



188.6400, 32.7155, -40.0263



194.6290, -0.3101, 52.9454



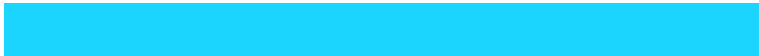
192.9420, -38.9184, 22.8529

Rectangle

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



170.3860, 14.1067, -91.5465



162.4730, 45.6158, -117.9328



194.6290, -0.3101, 52.9454



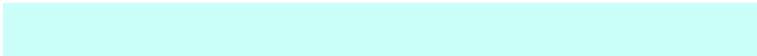
194.7190, -30.4275, 52.8664

Sweetspot

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



170.3860, 14.1067, -91.5465



238.0560, 4.9024, -32.4981



161.2040, -46.9356, -65.9539



117.9760, 2.9698, -19.2730



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.



170.3860, 14.1067, -91.5465



187.9360, 19.7516, -128.8629



139.6800, 38.6118, -64.6174



106.4830, 0.7479, -6.5626



118.8790, 16.3287, -104.2569



31.5620, 4.1599, -27.6799

Inverse Universe

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



113.6140, -14.1067, 91.5465



108.0640, -19.7516, 128.8629



144.3200, -38.6118, 64.6174



102.4030, -1.1847, 6.6626



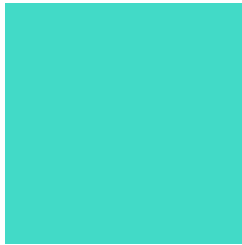
54.2350, -15.8919, 104.1569



14.4380, -4.1599, 27.6799

Previews

White Background



This preview shows how the YUV color 170.3860, 14.1067, -91.5465 looks on a white background.

Color Contrast Check

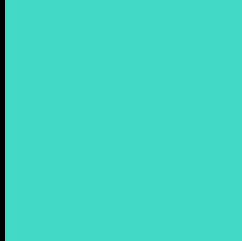
Large Text (above 18pt) WCAG AA × Fail

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 170.3860, 14.1067, -91.5465 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

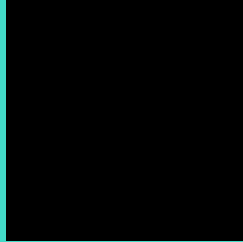
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

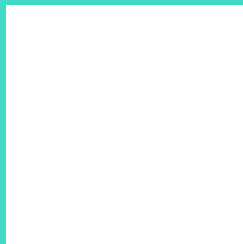
Any Text WCAG AAA ✓ Pass

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

YUV 170.3860, 14.1067, -91.5465 Background



This preview shows how black text looks on a background with the YUV color 170.3860, 14.1067, -91.5465.

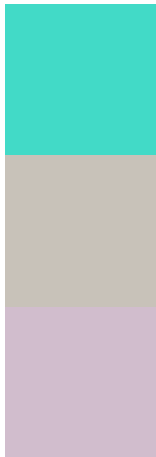


This preview shows how white text looks on a background with the YUV color 170.3860, 14.1067, -91.5465.

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

170.3860, 14.1067, -91.5465

Protanopia

194.7680, -4.8156, 4.5885

Deuteranopia

196.8040, 4.0406, 10.6959



Tritanopia

176.1820, 27.0253, -81.7206

Trichromacy



Original Color

170.3860, 14.1067, -91.5465



Protanomaly

185.9700, 1.9868, -30.6687



Deuteranomaly

187.4850, 7.6489, -26.7353



Tritanomaly

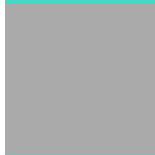
174.1940, 22.0894, -85.2391

Monochromacy



Original Color

170.3860, 14.1067, -91.5465



Achromatopsia

170.0000, 0.0000, 0.0000



Achromatomaly

169.8710, 5.4866, -33.2129

CSS Examples

Text

The CSS property to change the color of the text to YUV 170.3860, 14.1067, -91.5465 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(66, 218, 199)` looks like.

```
.text, #text, p{  
    color:rgb(66, 218, 199)  
}
```

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(66, 218, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 218, 199) }
```

Border

The CSS property to change the border of an element to YUV 170.3860, 14.1067, -91.5465 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(66, 218, 199) }
```


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

```
.border{ border-color:rgb(66, 218, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(66, 218, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 218, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(66, 218, 199);  
box-shadow:4px 4px 4px 4px rgb(66, 218,  
199) }
```

Background

The CSS property to change the background color of an element to YUV 170.3860, 14.1067, -91.5465 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 218, 199) }
```

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

```
.background{ background-color: rgb(66, 218,  
199) }
```

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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