

Converting Colors

YUV(172.3460, 21.5214,
-89.7574)

Have a look what the booklet for
YUV(172.3460, 21.5214, -89.7574)
contains.

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Color

**YUV(172.3460, 21.5214,
-89.7574)**

Conversions

Conversions Part 1

Format	Color
Hex	46D8D8
RGB	70, 216, 216
RGB Percent	27%, 85%, 85%
CMY	0.7255, 0.1529, 0.1529
CMYK	0.68, 0.00, 0.00, 0.15
HSL	180°, 65%, 56%
HSV	180°, 68%, 85%
XYZ	39.4763, 55.3717, 73.5729
YIQ	172.3460, -87.0160, -30.9520

Conversions

Conversions Part 2

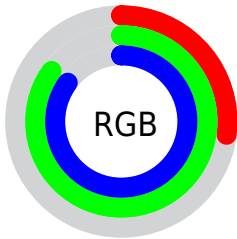
Format	Color
RYB	70, 143, 216
Decimal	4643032
CIELab	79.25, -37.53, -11.27
CIELCh	79, 39.185, 196.714
Yxy	55.3717, 0.2344, 0.3288
Android (android.graphics.Color)	4282833112 (0xFF46D8D8)
YUV	172.3460, 21.5214, -89.7574
Hunter-Lab	74.4122, -35.5254, -6.5328

Details

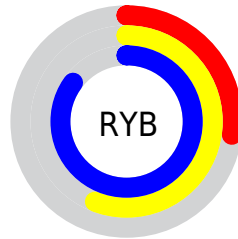
The YUV color **172.3460, 21.5214, -89.7574** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **113.6540, -21.5214, 89.7574**, and the grayscale version is **172.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **219.7180, 17.3940, -72.5437**, and **112.8610, 23.7325, -98.9791** is the 20% darker color. If you saturate the color by 10%, you get **165.7680, 24.7644, -103.2825**, and if you desaturate by 10%, it is **178.9240, 18.2785, -76.2323**.

Distribution



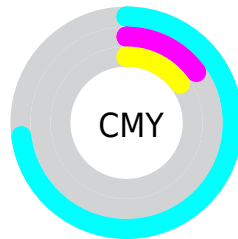
- Red (27%)
- Green (85%)
- Blue (85%)



- Red (27%)
- Yellow (56%)
- Blue (85%)



- Cyan (68%)
- Magenta (0%)
- Yellow (0%)
- Black (15%)



- Cyan (73%)
- Magenta (15%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YUV color 172.3460, 21.5214, -89.7574 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 172.3460, 21.5214, -89.7574 by changing the saturation by 10% instead.

■ 172.3460, 21.5214,
-89.7574

■ 172.3460, 21.5214,
-89.7574

■ 255.0000, 0.0000,
0.0000

■ 137.1700, 25.0592,
-104.5121

■ 219.7180, 17.3940,
-72.5437

■ 112.8610, 23.7325,
-98.9791

■ 228.9870, 12.8244,
-53.4856

■ 94.0480, 20.1893,
-82.4801

■ 238.2560, 8.2548,
-34.4275

■ 75.9360, 16.7936,
-66.5959

■ 247.5250, 3.6852,
-15.3694

■ 58.5250, 13.5452,
-51.3264

■ 41.7010, 10.0074,
-36.5718

■ 26.8660, 6.4751,

-23.5615

■ 2.9810, 8.8834,
-2.6143

■ 0.0000, 0.0000,
0.0000

■ 172.3460, 21.5214,
-89.7574

■ 172.3460, 21.5214,
-89.7574

■ 165.7680, 24.7644,
-103.2825

■ 178.9240, 18.2785,
-76.2323

■ 159.4890, 27.8599,
-116.1929


■ 185.2030, 15.1829,
-63.3220


■ 152.9110, 31.1029,
-129.7179

■ 191.7810, 11.9400,
-49.7969


■ 151.4160, 31.8399,
-132.7918

■ 198.0600, 8.8444,
-36.8866

 204.6380, 5.6015,
-23.3615

 211.2160, 2.3585,
-9.8364

 217.4950, -0.7370,
3.0739

 224.0730, -3.9800,
16.5990

 227.6610, -5.7489,
23.9763

Harmonies

Analogous

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



180.5830, -1.2734, -58.3933



172.3460, 21.5214, -89.7574



173.0370, 36.9568, -93.8714

Triad

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



172.3460, 21.5214, -89.7574



201.3920, 22.4847, 21.5812



194.8710, -34.4464, 35.1931

Complementary

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



172.3460, 21.5214, -89.7574



113.6540, -21.5214, 89.7574

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.



196.0870, -25.1859, 51.6667



172.3460, 21.5214, -89.7574



200.4310, 6.6895, 47.8570

Square

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



172.3460, 21.5214, -89.7574



195.2840, 29.4400, -16.0351



195.6260, -9.1826, 52.0710



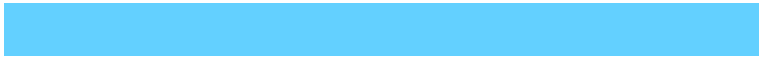
192.0370, -33.0492, 6.9836

Rectangle

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



172.3460, 21.5214, -89.7574



180.7670, 36.5969, -71.7097



195.6260, -9.1826, 52.0710



196.0830, -32.5789, 42.9002

Sweetspot

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



172.3460, 21.5214, -89.7574



239.7510, 7.5178, -31.3536



155.7020, -42.2511, -75.1607



118.7310, 4.5696, -19.0581



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.



172.3460, 21.5214, -89.7574



193.1070, 30.5132, -127.2588



129.4950, 42.6470, -52.1771



103.7110, 1.6215, -6.7625



119.8710, 25.2066, -105.1269



30.1430, 6.3385, -26.4354

Inverse Universe

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



130.2980, 42.2511, 75.1607



133.4910, 59.9039, 106.5634



156.5050, -42.6470, 52.1771



100.5430, 3.1833, 5.6628



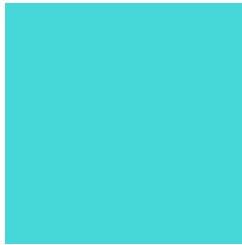
70.6230, 49.4859, 88.0306



17.7590, 12.4438, 22.1364

Previews

White Background



This preview shows how the YUV color 172.3460, 21.5214, -89.7574 looks on a white background.

Color Contrast Check

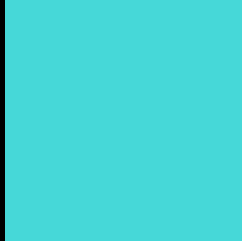
Large Text (above 18pt) WCAG AA × Fail

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 172.3460, 21.5214, -89.7574 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

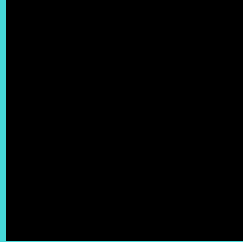
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

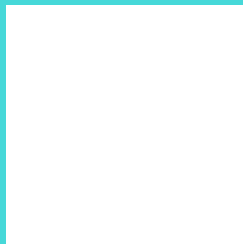
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 172.3460, 21.5214, -89.7574

Background



This preview shows how black text looks on a background with the YUV color 172.3460, 21.5214, -89.7574.

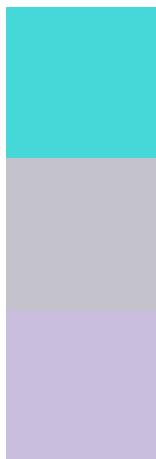


This preview shows how white text looks on a background with the YUV color 172.3460, 21.5214, -89.7574.

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

172.3460, 21.5214, -89.7574

Protanopia

195.5100, 3.1996, 0.4297

Deuteranopia

196.9370, 12.3561, 3.5633



Tritanopia

175.2740, 27.4729, -85.3093

Trichromacy



Original Color

172.3460, 21.5214, -89.7574



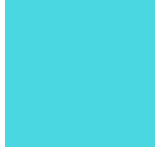
Protanomaly

187.0220, 9.8492, -32.4683



Deuteranomaly

187.6400, 15.9535, -30.3793



Tritanomaly

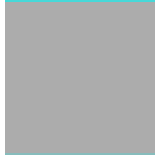
174.3940, 25.4418, -87.1685

Monochromacy



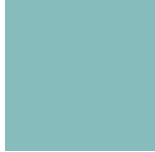
Original Color

172.3460, 21.5214, -89.7574



Achromatopsia

172.0000, 0.0000, 0.0000



Achromatomaly

172.1530, 7.8126, -32.5832

CSS Examples

Text

The CSS property to change the color of the text to YUV 172.3460, 21.5214, -89.7574 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(70, 216, 216)` looks like.

```
.text, #text, p{  
    color:rgb(70, 216, 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(70, 216, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 216, 216) }
```

Border

The CSS property to change the border of an element to YUV 172.3460, 21.5214, -89.7574 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(70, 216, 216) }
```


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

```
.border{ border-color:rgb(70, 216, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(70, 216, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 216, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 216, 216);  
box-shadow:4px 4px 4px 4px rgb(70, 216,  
216) }
```

Background

The CSS property to change the background color of an element to YUV 172.3460, 21.5214, -89.7574 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 216, 216) }
```

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

```
.background{ background-color: rgb(70, 216,  
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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