

Converting Colors

YUV(171.9740, 5.9288,
-35.0572)

Have a look what the booklet for
YUV(171.9740, 5.9288, -35.0572)
contains.

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Color

**YUV(171.9740, 5.9288,
-35.0572)**

Conversions

Conversions Part 1

Format	Color
Hex	84BEB8
RGB	132, 190, 184
RGB Percent	52%, 75%, 72%
CMY	0.4824, 0.2549, 0.2784
CMYK	0.31, 0.00, 0.03, 0.25
HSL	174°, 31%, 63%
HSV	174°, 31%, 75%
XYZ	36.5809, 45.1931, 52.1425
YIQ	171.9740, -32.6420, -14.1620

Conversions

Conversions Part 2

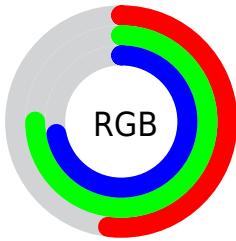
Format	Color
RYB	132, 163, 190
Decimal	8699576
CIELab	73.02, -20.00, -2.99
CIElCh	73, 20.226, 188.509
Yxy	45.1931, 0.2732, 0.3375
Android (android.graphics.Color)	4286889656 (0xFF84BEB8)
YUV	171.9740, 5.9288, -35.0572
Hunter-Lab	67.2258, -20.5145, 1.0709

Details

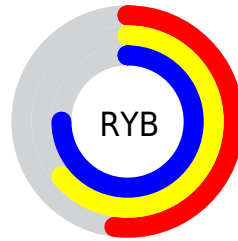
The YUV color $171.9740, 5.9288, -35.0572$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $150.0260, -5.9288, 35.0572$, and the grayscale version is $172.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $227.6750, 6.0762, -35.6720$, and $118.6860, 6.0708, -33.9276$ is the 20% darker color. If you saturate the color by 10%, you get $166.0650, 7.8560, -46.5380$, and if you desaturate by 10%, it is $177.8830, 4.0017, -23.5764$.

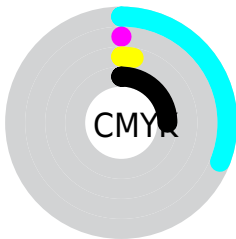
Distribution



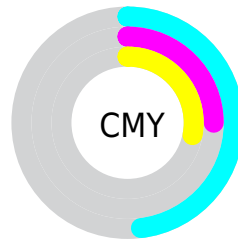
- Red (52%)
- Green (75%)
- Blue (72%)



- Red (52%)
- Yellow (64%)
- Blue (75%)



- Cyan (31%)
- Magenta (0%)
- Yellow (3%)
- Black (25%)



- Cyan (48%)
- Magenta (25%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the YUV color 171.9740, 5.9288, -35.0572 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 171.9740, 5.9288, -35.0572 by changing the saturation by 10% instead.

■ 171.9740, 5.9288,
-35.0572

■ 171.9740, 5.9288,
-35.0572

255.0000, 0.0000,
0.0000

■ 145.2730, 5.7814,
-34.4424

■ 227.6750, 6.0762,
-35.6720

■ 118.6860, 6.0708,
-33.9276

■ 243.0400, 5.8963,
-24.5911

■ 93.3870, 6.2182,
-34.5424

■ 251.7110, 1.6215,
-6.7625

■ 67.9030, 6.9498,
-35.8719

■ 43.7070, 7.5394,
-38.3310

■ 27.6980, 4.5859,
-24.2911

■ 12.9770, 1.4903,

-11.3808

■ 0.0000, 0.0000,
0.0000

■ 171.9740, 5.9288,
-35.0572

■ 171.9740, 5.9288,
-35.0572

■ 166.0650, 7.8560,
-46.5380

■ 177.8830, 4.0017,
-23.5764

■ 160.1560, 9.7831,
-58.0188

■ 183.7920, 2.0745,
-12.0956

■ 154.2470, 11.7102,
-69.4996

■ 189.7010, 0.1474,
-0.6148

■ 148.3380, 13.6374,
-80.9804

■ 195.6100, -1.7797,
10.8660

■ 142.4290, 15.5645,
-92.4612

■ 201.5190, -3.7069,
22.3468

■ 136.5200, 17.4916,
-103.9420

■ 207.4280, -5.6340,
33.8276

■ 130.9100, 19.2714,
-114.8081

■ 210.3470, -6.0871,
39.1607

■ 210.5750, -5.2135,
38.9607

■ 210.8030, -4.3399,
38.7608

Harmonies

Analogous

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



173.7060, -4.2921, -23.4212



171.9740, 5.9288, -35.0572



172.5420, 14.5228, -38.1863

Triad

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



171.9740, 5.9288, -35.0572



181.7740, 12.9294, 6.3372



179.9630, -17.2368, 21.9574

Complementary

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



171.9740, 5.9288, -35.0572



150.0260, -5.9288, 35.0572

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.



181.0980, -11.8803, 30.6091



171.9740, 5.9288, -35.0572



182.8100, 5.0237, 22.0916

Square

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



171.9740, 5.9288, -35.0572



179.0320, 18.2252, -12.3061



182.1610, -4.0234, 30.5538



178.1740, -17.3408, 8.6174

Rectangle

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



171.9740, 5.9288, -35.0572



173.7860, 17.8535, -33.1383



182.1610, -4.0234, 30.5538



180.6260, -16.0846, 25.7610

Sweetspot

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



171.9740, 5.9288, -35.0572



240.1940, 2.3694, -13.3251



168.1390, -17.8165, -25.5549



120.7000, 1.6269, -8.5069



252.0000, 0.0000, 0.0000



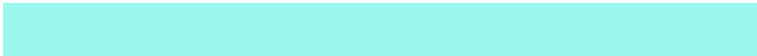
125.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



171.9740, 5.9288, -35.0572



218.7650, 9.4829, -55.0449



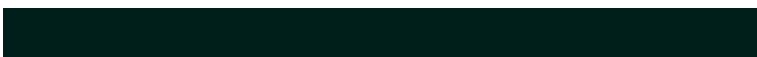
159.7440, 14.9162, -24.3315



91.1950, 0.8899, -5.4330



108.9340, 16.3015, -95.5351



21.2750, 2.8224, -18.6582

Inverse Universe

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



150.0260, -5.9288, 35.0572



184.2350, -9.4829, 55.0449



162.2560, -14.9162, 24.3315



87.8050, -0.8899, 5.4330



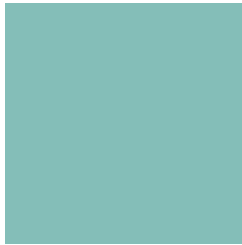
49.0660, -16.3015, 95.5351



9.6110, -3.2592, 18.7582

Previews

White Background



This preview shows how the YUV color 171.9740, 5.9288, -35.0572 looks on a white background.

Color Contrast Check

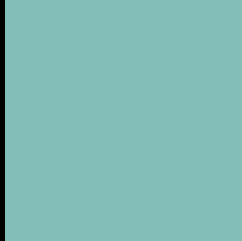
Large Text (above 18pt) WCAG AA × Fail

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 171.9740, 5.9288, -35.0572 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

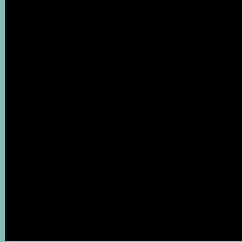
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 171.9740, 5.9288, -35.0572

Background



This preview shows how black text looks on a background with the YUV color 171.9740, 5.9288, -35.0572.



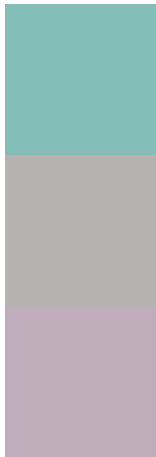
This preview shows how white text looks on a background with the YUV color 171.9740, 5.9288, -35.0572.

-35.0572.

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

171.9740, 5.9288, -35.0572

Protanopia

179.0820, -1.0264, 2.5591

Deuteranopia

180.2770, 3.3144, 10.2811



Tritanopia

173.4610, 14.0697, -32.8533

Trichromacy



Original Color

171.9740, 5.9288, -35.0572

Protanomaly

176.3900, 1.7797, -10.8660

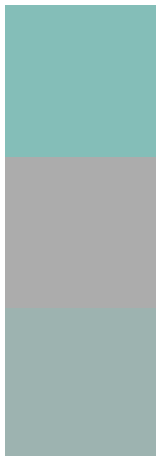
Deuteranomaly

177.1070, 4.3842, -6.2328

Tritanomaly

172.9510, 10.8702, -33.2830

Monochromacy



Original Color

171.9740, 5.9288, -35.0572

Achromatopsia

172.0000, 0.0000, 0.0000

Achromatomaly

172.0800, 1.9326, -13.2252

CSS Examples

Text

The CSS property to change the color of the text to YUV 171.9740, 5.9288, -35.0572 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(132, 190, 184)` looks like.

```
.text, #text, p{  
    color:rgb(132, 190, 184)  
}
```

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(132, 190, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 190, 184) }
```

Border

The CSS property to change the border of an element to YUV 171.9740, 5.9288, -35.0572 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(132, 190, 184) }
```


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

```
.border{ border-color:rgb(132, 190, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 190, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 190, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 190, 184);  
box-shadow:4px 4px 4px 4px rgb(132, 190,  
184) }
```

Background

The CSS property to change the background color of an element to YUV 171.9740, 5.9288, -35.0572 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 190, 184) }
```

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

```
.background{ background-color: rgb(132,  
190, 184) }
```

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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