

Converting Colors

YUV(172.1640, -2.5459,
-70.3038)

Have a look what the booklet for
YUV(172.1640, -2.5459, -70.3038)
contains.

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Color

**YUV(172.1640, -2.5459,
-70.3038)**

Conversions

Conversions Part 1

Format	Color
Hex	5CD6A7
RGB	92, 214, 167
RGB Percent	36%, 84%, 65%
CMY	0.6392, 0.1608, 0.3451
CMYK	0.57, 0.00, 0.22, 0.16
HSL	157°, 60%, 60%
HSV	157°, 57%, 84%
XYZ	35.4353, 53.1585, 44.9522
YIQ	172.1640, -57.6250, -40.4810

Conversions

Conversions Part 2

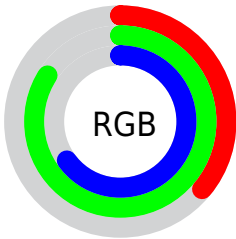
Format	Color
RYB	92, 168, 214
Decimal	6084263
CIELab	77.97, -45.17, 13.09
CIELCh	78, 47.034, 163.838
Yxy	53.1585, 0.2653, 0.3981
Android (android.graphics.Color)	4284274343 (0xFF5CD6A7)
YUV	172.1640, -2.5459, -70.3038
Hunter-Lab	72.9099, -40.8386, 14.4820

Details

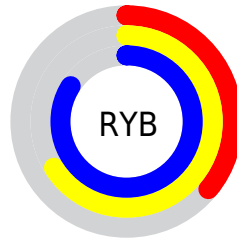
The YUV color **172.1640, -2.5459, -70.3038** is a light color, and the websafe version is hex **66CC99**. The color can be described as light muted spring green. A complement of this color would be **133.8360, 2.5459, 70.3038**, and the grayscale version is **172.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **220.1420, 0.9160, -60.6375**, and **110.3410, 2.2969, -83.6141** is the 20% darker color. If you saturate the color by 10%, you get **164.9730, -2.9447, -82.4143**, and if you desaturate by 10%, it is **179.3550, -2.1470, -58.1933**.

Distribution



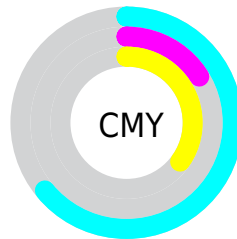
- Red (36%)
- Green (84%)
- Blue (65%)



- Red (36%)
- Yellow (66%)
- Blue (84%)



- Cyan (57%)
- Magenta (0%)
- Yellow (22%)
- Black (16%)



- Cyan (64%)
- Magenta (16%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YUV color 172.1640, -2.5459, -70.3038 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 172.1640, -2.5459, -70.3038 by changing the saturation by 10% instead.

■ 172.1640, -2.5459,
-70.3038

■ 172.1640, -2.5459,
-70.3038

255.0000, 0.0000,
0.0000

■ 143.1960, -1.0826,
-72.9629

■ 220.1420, 0.9160,
-60.6375

■ 110.3410, 2.2969,
-83.6141

■ 232.4180, 9.1609,
-45.0936

■ 87.7440, 1.1122,
-76.9515

■ 241.5450, 6.6333,
-27.6650

■ 69.8600, -1.4100,
-61.2672

■ 250.5150, 2.2111,
-9.2217

■ 52.5630, -4.2216,
-46.0978

■ 35.4940, -6.1595,
-31.1282

■ 20.5450, -10.1287,

-18.0180

■ 0.0000, 0.0000,
0.0000

■ 172.1640, -2.5459,
-70.3038

■ 172.1640, -2.5459,
-70.3038

■ 164.9730, -2.9447,
-82.4143

■ 179.3550, -2.1470,
-58.1933

■ 157.4830, -3.1961,
-95.1396

■ 186.8450, -1.8956,
-45.4681

■ 150.1780, -4.0318,
-107.1501

■ 194.1500, -1.0600,
-33.4576

■ 142.6880, -4.2832,
-119.8754

■ 201.6400, -0.8085,
-20.7323

■ 140.6660, -4.2723,
-123.3641

■ 208.8310, -0.4097,
-8.6218

■ 216.0220, -0.0108,
3.4887

■ 223.6260, 0.6774,
16.1140

■ 228.4250, 2.2555,
23.3063

■ 229.3370, 5.7499,
22.5065

Harmonies

Analogous

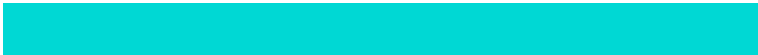
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



182.1360, -26.6890, -26.4293



172.1640, -2.5459, -70.3038



150.9600, 30.0927, -132.3919

Triad

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



172.1640, -2.5459, -70.3038



188.4400, 32.8141, -24.9419



189.5500, -27.3862, 57.3996

Complementary

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



172.1640, -2.5459, -70.3038



133.8360, 2.5459, 70.3038

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.



188.8270, -7.3097, 58.0337



172.1640, -2.5459, -70.3038



197.8850, 28.1577, 22.0259

Square

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



172.1640, -2.5459, -70.3038



170.0470, 41.8818, -86.8642



195.6040, 11.0412, 52.0903



191.3190, -40.5833, 43.5702

Rectangle

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



172.1640, -2.5459, -70.3038



152.9780, 42.9018, -134.1617



195.6040, 11.0412, 52.0903



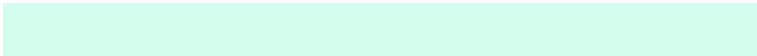
188.5700, -20.9870, 58.2591

Sweetspot

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



172.1640, -2.5459, -70.3038



240.2050, -1.0871, -24.7358



178.2650, -42.5286, -32.6814



119.0860, -0.5354, -14.9844



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.



172.1640, -2.5459, -70.3038



195.6350, -3.7641, -99.6579



170.4780, 21.4563, -68.8252



103.2550, -0.1257, -6.3626



112.3470, -3.6221, -98.5283



28.3190, -0.6503, -24.8358

Inverse Universe

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



133.8360, 2.5459, 70.3038



141.2510, 3.3273, 99.7579



135.5220, -21.4563, 68.8252



99.8590, 0.5625, 6.2627



58.6530, 3.6221, 98.5283



14.7950, 1.0871, 24.7358

Previews

White Background



This preview shows how the YUV color 172.1640, -2.5459, -70.3038 looks on a white background.

Color Contrast Check

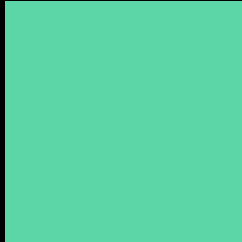
Large Text (above 18pt) WCAG AA × Fail

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 172.1640, -2.5459, -70.3038 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

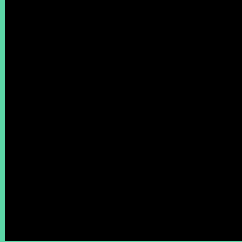
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

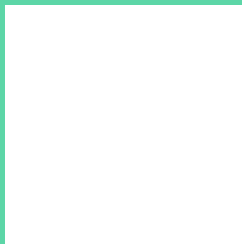
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 172.1640, -2.5459, -70.3038

Background



This preview shows how black text looks on a background with the YUV color 172.1640, -2.5459, -70.3038.



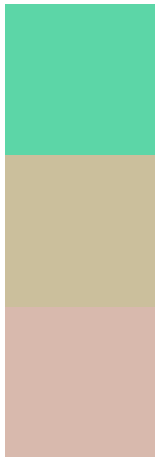
This preview shows how white text looks on a background with the YUV color 172.1640, -2.5459, -70.3038.

-70.3038.

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

172.1640, -2.5459, -70.3038

Protanopia

190.5980, -17.0568, 10.8766

Deuteranopia

192.9010, -9.8112, 20.2578



Tritanopia

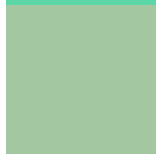
179.2340, 21.5766, -60.7182

Trichromacy



Original Color

172.1640, -2.5459, -70.3038



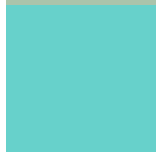
Protanomaly

183.7900, -11.7285, -18.2328



Deuteranomaly

185.6750, -7.2348, -12.8700



Tritanomaly

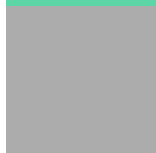
176.6220, 13.0044, -64.5665

Monochromacy



Original Color

172.1640, -2.5459, -70.3038



Achromatopsia

172.0000, 0.0000, 0.0000



Achromatomaly

171.9060, -0.9397, -25.3506

CSS Examples

Text

The CSS property to change the color of the text to YUV 172.1640, -2.5459, -70.3038 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(92, 214, 167)` looks like.

```
.text, #text, p{  
    color:rgb(92, 214, 167)  
}
```

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(92, 214, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 214, 167) }
```

Border

The CSS property to change the border of an element to YUV 172.1640, -2.5459, -70.3038 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(92, 214, 167) }
```


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

```
.border{ border-color:rgb(92, 214, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 214, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 214, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 214, 167);  
box-shadow:4px 4px 4px 4px rgb(92, 214,  
167) }
```

Background

The CSS property to change the background color of an element to YUV 172.1640, -2.5459, -70.3038 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 214, 167) }
```

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

```
.background{ background-color: rgb(92, 214,  
167) }
```

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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