

Converting Colors

YUV(172.2140, -1.5845,
-51.9307)

Have a look what the booklet for
YUV(172.2140, -1.5845, -51.9307)
contains.

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Color

**YUV(172.2140, -1.5845,
-51.9307)**

Conversions

Conversions Part 1

Format	Color
Hex	71CBA9
RGB	113, 203, 169
RGB Percent	44%, 80%, 66%
CMY	0.5569, 0.2039, 0.3373
CMYK	0.44, 0.00, 0.17, 0.20
HSL	157°, 46%, 62%
HSV	157°, 44%, 80%
XYZ	35.3274, 49.0872, 45.1489
YIQ	172.2140, -42.7260, -29.6540

Conversions

Conversions Part 2

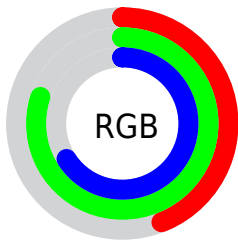
Format	Color
RYB	113, 168, 203
Decimal	7457705
CIELab	75.51, -34.92, 8.63
CIElCh	76, 35.974, 166.122
Yxy	49.0872, 0.2727, 0.3789
Android (android.graphics.Color)	4285647785 (0xFF71CBA9)
YUV	172.2140, -1.5845, -51.9307
Hunter-Lab	70.0622, -32.6040, 10.8364

Details

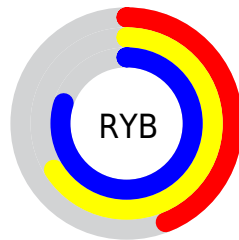
The YUV color **172.2140, -1.5845, -51.9307** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **143.7860, 1.5845, 51.9307**, and the grayscale version is **172.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **225.7520, -0.8637, -49.7715**, and **117.2570, -0.1267, -52.8454** is the 20% darker color. If you saturate the color by 10%, you get **165.3220, -2.1307, -63.4264**, and if you desaturate by 10%, it is **179.1060, -1.0383, -40.4350**.

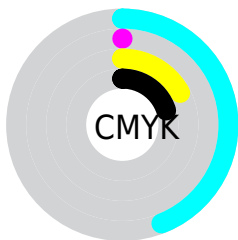
Distribution



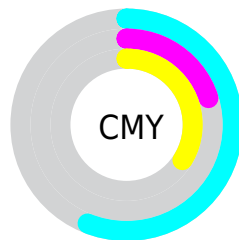
- Red (44%)
- Green (80%)
- Blue (66%)



- Red (44%)
- Yellow (66%)
- Blue (80%)



- Cyan (44%)
- Magenta (0%)
- Yellow (17%)
- Black (20%)



- Cyan (56%)
- Magenta (20%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the YUV color 172.2140, -1.5845, -51.9307 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 172.2140, -1.5845, -51.9307 by changing the saturation by 10% instead.

■ 172.2140, -1.5845,
-51.9307

■ 172.2140, -1.5845,
-51.9307

255.0000, 0.0000,
0.0000

■ 144.4420, -0.7109,
-52.1306

■ 225.7520, -0.8637,
-49.7715

■ 117.2570, -0.1267,
-52.8454

■ 237.4300, 7.6760,
-35.4571

■ 88.9790, 1.4894,
-57.8636

■ 246.6280, 4.1274,
-17.2138

■ 64.8050, 2.0681,
-56.8340

■ 47.5080, -0.7434,
-41.6645

■ 31.7270, -2.8234,
-27.8246

■ 16.4360, -8.1029,

-14.4144

■ 0.0000, 0.0000,
0.0000

■ 172.2140, -1.5845,
-51.9307

■ 172.2140, -1.5845,
-51.9307

■ 165.3220, -2.1307,
-63.4264

■ 179.1060, -1.0383,
-40.4350

■ 158.2450, -2.0928,
-75.6369

■ 186.1830, -1.0762,
-28.2245

■ 151.3530, -2.6390,
-87.1326

■ 193.0750, -0.5300,
-16.7288


■ 144.4610, -3.1853,
-98.6283

■ 199.9670, 0.0163,
-5.2331

■ 137.3840, -3.1473,
-110.8388


■ 207.0440, -0.0217,
6.9774

 133.5250, -3.7098,
-117.1014

 213.9360, 0.5246,
18.4731

 220.8280, 1.0708,
29.9688

 221.6260, 4.1284,
29.2690

 222.5380, 7.6228,
28.4692

Harmonies

Analogous

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



177.8190, -19.1378, -21.7663



172.2140, -1.5845, -51.9307



165.9130, 18.2839, -77.9767

Triad

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



172.2140, -1.5845, -51.9307



186.0390, 31.0398, -15.8202



187.5320, -23.4333, 49.5224

Complementary

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



172.2140, -1.5845, -51.9307



143.7860, 1.5845, 51.9307

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.



189.1210, -9.9197, 55.1449



172.2140, -1.5845, -51.9307



190.2130, 20.6010, 19.1072

Square

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



172.2140, -1.5845, -51.9307



177.0620, 35.9584, -53.5514



190.2950, 6.2636, 44.4683



185.3590, -31.2360, 32.1342

Rectangle

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



172.2140, -1.5845, -51.9307



164.4420, 29.3621, -84.5796



190.2950, 6.2636, 44.4683



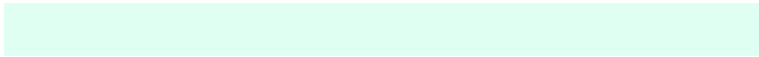
188.2920, -19.3710, 53.2409

Sweetspot

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



172.2140, -1.5845, -51.9307



243.6510, -0.8139, -18.9879



175.9960, -31.0570, -25.4295



120.8090, -0.3988, -12.1105



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.



172.2140, -1.5845, -51.9307



208.8210, -2.3768, -77.8960



169.6330, 16.4499, -49.6671



98.5540, -0.2731, -5.7479



109.1840, -3.0487, -95.7544



25.0420, -0.5137, -21.9618

Inverse Universe

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



143.7860, 1.5845, 51.9307



166.1790, 2.3768, 77.8960



146.3670, -16.4499, 49.6671



95.4460, 0.2731, 5.7479



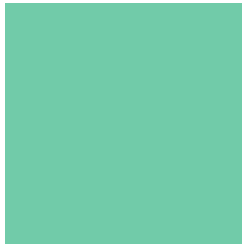
56.8160, 3.0487, 95.7544



12.9580, 0.5137, 21.9618

Previews

White Background



This preview shows how the YUV color 172.2140, -1.5845, -51.9307 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 172.2140, -1.5845, -51.9307 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

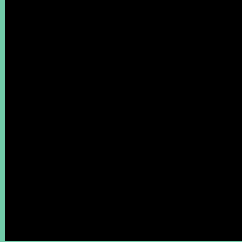
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 172.2140, -1.5845, -51.9307

Background



This preview shows how black text looks on a background with the YUV color 172.2140, -1.5845, -51.9307.



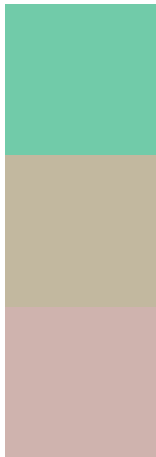
This preview shows how white text looks on a background with the YUV color 172.2140, -1.5845, -51.9307.

-51.9307.

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

172.2140, -1.5845, -51.9307

Protanopia

184.1400, -12.3940, 8.6472

Deuteranopia

186.8020, -6.3114, 17.7136



Tritanopia

176.9970, 17.7495, -46.4784

Trichromacy



Original Color

172.2140, -1.5845, -51.9307



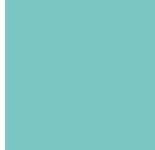
Protanomaly

180.0340, -8.3978, -13.1848



Deuteranomaly

181.6910, -4.7777, -7.6220



Tritanomaly

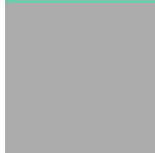
175.1510, 10.7716, -48.3674

Monochromacy



Original Color

172.2140, -1.5845, -51.9307



Achromatopsia

172.0000, 0.0000, 0.0000



Achromatomaly

172.0640, -0.5246, -18.4731

CSS Examples

Text

The CSS property to change the color of the text to YUV 172.2140, -1.5845, -51.9307 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(113, 203, 169)` looks like.

```
.text, #text, p{  
    color:rgb(113, 203, 169)  
}
```

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(113, 203, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 203, 169) }
```

Border

The CSS property to change the border of an element to YUV 172.2140, -1.5845, -51.9307 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(113, 203, 169) }
```


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

```
.border{ border-color:rgb(113, 203, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 203, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 203, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 203, 169);  
box-shadow:4px 4px 4px 4px rgb(113, 203,  
169) }
```

Background

The CSS property to change the background color of an element to YUV 172.2140, -1.5845, -51.9307 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 203, 169) }
```

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

```
.background{ background-color: rgb(113,  
203, 169) }
```

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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