

Converting Colors

YUV(178.7160, -6.2690,
-42.7239)

Have a look what the booklet for
YUV(178.7160, -6.2690, -42.7239)
contains.

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Color

**YUV(178.7160, -6.2690,
-42.7239)**

Conversions

Conversions Part 1

Format	Color
Hex	82CEA6
RGB	130, 206, 166
RGB Percent	51%, 81%, 65%
CMY	0.4902, 0.1922, 0.3490
CMYK	0.37, 0.00, 0.19, 0.19
HSL	148°, 44%, 66%
HSV	148°, 37%, 81%
XYZ	38.1602, 51.6416, 44.0330
YIQ	178.7160, -32.4560, -28.5520

Conversions

Conversions Part 2

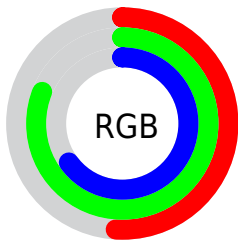
Format	Color
RYB	130, 182, 206
Decimal	8572582
CIELab	77.07, -32.29, 12.56
CIELCh	77, 34.644, 158.746
Yxy	51.6416, 0.2851, 0.3859
Android (android.graphics.Color)	4286762662 (0xFF82CEA6)
YUV	178.7160, -6.2690, -42.7239
Hunter-Lab	71.8621, -30.9717, 13.9740

Details

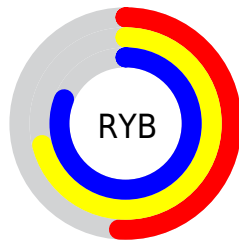
The YUV color **178.7160, -6.2690, -42.7239** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **157.2840, 6.2690, 42.7239**, and the grayscale version is **179.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **230.1940, -4.5326, -39.6351**, and **124.6560, -5.2534, -41.7943** is the 20% darker color. If you saturate the color by 10%, you get **171.1830, -7.9782, -54.5345**, and if you desaturate by 10%, it is **186.2490, -4.5598, -30.9134**.

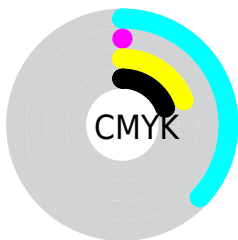
Distribution



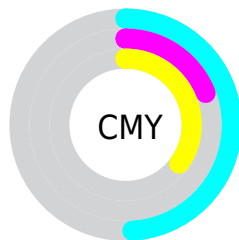
- Red (51%)
- Green (81%)
- Blue (65%)



- Red (51%)
- Yellow (71%)
- Blue (81%)



- Cyan (37%)
- Magenta (0%)
- Yellow (19%)
- Black (19%)



- Cyan (49%)
- Magenta (19%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YUV color 178.7160, -6.2690, -42.7239 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 178.7160, -6.2690, -42.7239 by changing the saturation by 10% instead.

■ 178.7160, -6.2690,
-42.7239

■ 178.7160, -6.2690,
-42.7239

255.0000, 0.0000,
0.0000

■ 151.2430, -5.5428,
-42.3091

■ 230.1940, -4.5326,
-39.6351

■ 124.6560, -5.2534,
-41.7943

■ 242.1710, 3.8597,
-24.7060

■ 98.4710, -4.6692,
-42.5091

■ 251.4120, 1.7689,
-7.3773

■ 71.6060, -2.7638,
-47.0125

■ 49.0410, -2.4852,
-43.0090

■ 33.1460, -5.0020,
-29.0690

■ 18.7840, -9.2605,

-16.4736

■ 0.0000, 0.0000,
0.0000

■ 178.7160, -6.2690,
-42.7239

■ 178.7160, -6.2690,
-42.7239

■ 171.1830, -7.9782,
-54.5345

■ 186.2490, -4.5598,
-30.9134

■ 163.9490, -9.8349,
-65.7303

■ 193.4830, -2.7031,
-19.7176

■ 156.4160,
-11.5441, -77.5408

■ 201.0160, -0.9939,
-7.9070

■ 149.2960,
-12.9639, -88.8366

■ 208.1360, 0.4260,
3.3887

■ 141.7630,
-14.6732, -100.6472

■ 215.6690, 2.1352,
15.1993

■ 134.2300,
-16.3824, -112.4577

■ 223.2020, 3.8444,
27.0098

■ 132.0940,
-16.8083, -115.8464

■ 224.7550, 8.5018,
26.5249

■ 226.0090, 13.3066,
25.4251

■ 226.2370, 14.1802,
25.2252

Harmonies

Analogous

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



183.4780, -21.9277, -13.5742



178.7160, -6.2690, -42.7239



173.1870, 12.7258, -68.5700

Triad

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



178.7160, -6.2690, -42.7239



188.8100, 31.6457, -23.5124



192.4550, -19.9443, 50.4670

Complementary

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



178.7160, -6.2690, -42.7239



157.2840, 6.2690, 42.7239

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.



193.8370, -5.8356, 51.8860



178.7160, -6.2690, -42.7239



194.3260, 22.5173, 11.1151

Square

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



178.7160, -6.2690, -42.7239



179.5730, 34.2275, -58.3845



195.0600, 9.3374, 38.5354



189.9620, -29.0683, 36.8673

Rectangle

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



178.7160, -6.2690, -42.7239



171.1070, 24.1042, -78.1468



195.0600, 9.3374, 38.5354



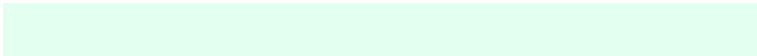
192.6170, -15.5872, 52.9559

Sweetspot

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



178.7160, -6.2690, -42.7239



244.9180, -2.4246, -15.7141



186.8710, -28.0374, -13.9189



121.8910, -1.4253, -9.5514



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.



178.7160, -6.2690, -42.7239



214.7860, -9.2615, -62.9563



182.9340, 9.8925, -46.4231



98.4400, -0.7099, -5.6479



106.4480, -13.5319, -93.3549



24.3580, -3.1345, -21.3620

Inverse Universe

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



157.2840, 6.2690, 42.7239



183.2140, 9.2615, 62.9563



153.0660, -9.8925, 46.4231



95.5600, 0.7099, 5.6479



59.5520, 13.5319, 93.3549



13.6420, 3.1345, 21.3620

Previews

White Background



This preview shows how the YUV color 178.7160, -6.2690, -42.7239 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 178.7160, -6.2690, -42.7239 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

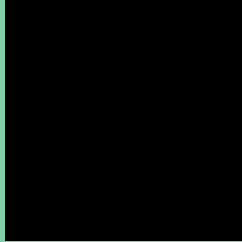
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 178.7160, -6.2690, -42.7239

Background



This preview shows how black text looks on a background with the YUV color 178.7160, -6.2690, -42.7239.



This preview shows how white text looks on a background with the YUV color 178.7160, -6.2690,

-42.7239.

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

178.7160, -6.2690, -42.7239

Protanopia

188.7550, -15.1622, 9.8619

Deuteranopia

190.9010, -9.8112, 20.2578



Tritanopia

183.4820, 15.5384, -37.2567

Trichromacy



Original Color

178.7160, -6.2690, -42.7239



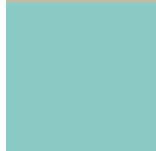
Protanomaly

185.1440, -11.9030, -8.8963



Deuteranomaly

186.1000, -8.4303, -2.7187



Tritanomaly

181.9950, 7.3975, -39.4606

Monochromacy



Original Color

178.7160, -6.2690, -42.7239



Achromatopsia

179.0000, 0.0000, 0.0000



Achromatomaly

178.9180, -2.4246, -15.7141

CSS Examples

Text

The CSS property to change the color of the text to YUV 178.7160, -6.2690, -42.7239 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(130, 206, 166)` looks like.

```
.text, #text, p{  
    color:rgb(130, 206, 166)  
}
```

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(130, 206, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 206, 166) }
```

Border

The CSS property to change the border of an element to YUV 178.7160, -6.2690, -42.7239 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(130, 206, 166) }
```


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

```
.border{ border-color:rgb(130, 206, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 206, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 206, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 206, 166);  
box-shadow:4px 4px 4px 4px rgb(130, 206,  
166) }
```

Background

The CSS property to change the background color of an element to YUV 178.7160, -6.2690, -42.7239 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 206, 166) }
```

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

```
.background{ background-color: rgb(130,  
206, 166) }
```

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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