

Converting Colors

YUV(157.7340, -6.7709,
-21.6917)

Have a look what the booklet for
YUV(157.7340, -6.7709, -21.6917)
contains.

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Color

**YUV(157.7340, -6.7709,
-21.6917)**

Conversions

Conversions Part 1

Format	Color
Hex	85AD90
RGB	133, 173, 144
RGB Percent	52%, 68%, 56%
CMY	0.4784, 0.3216, 0.4353
CMYK	0.23, 0.00, 0.17, 0.32
HSL	136°, 20%, 60%
HSV	136°, 23%, 68%
XYZ	29.6505, 36.8873, 31.9428
YIQ	157.7340, -14.5310, -17.4990

Conversions

Conversions Part 2

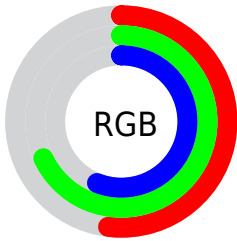
Format	Color
RYB	133, 164, 173
Decimal	8760720
CIELab	67.19, -19.48, 10.54
CIELCh	67, 22.152, 151.581
Yxy	36.8873, 0.3011, 0.3746
Android (android.graphics.Color)	4286950800 (0xFF85AD90)
YUV	157.7340, -6.7709, -21.6917
Hunter-Lab	60.7349, -19.1433, 11.3316

Details

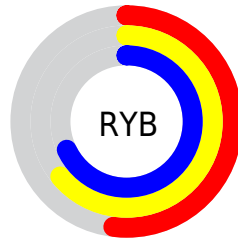
The YUV color **157.7340, -6.7709, -21.6917** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **148.2660, 6.7709, 21.6917**, and the grayscale version is **158.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **212.9080, -7.3496, -22.7213**, and **105.6740, -5.7553, -20.7621** is the 20% darker color. If you saturate the color by 10%, you get **151.1690, -9.9433, -30.8432**, and if you desaturate by 10%, it is **164.2990, -3.5984, -12.5402**.

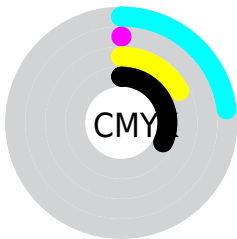
Distribution



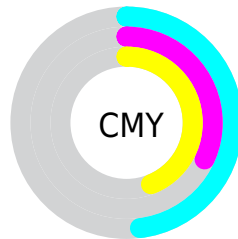
- Red (52%)
- Green (68%)
- Blue (56%)



- Red (52%)
- Yellow (64%)
- Blue (68%)



- Cyan (23%)
- Magenta (0%)
- Yellow (17%)
- Black (32%)



- Cyan (48%)
- Magenta (32%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YUV color 157.7340, -6.7709, -21.6917 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 157.7340, -6.7709, -21.6917 by changing the saturation by 10% instead.

■ 157.7340, -6.7709,
-21.6917

■ 157.7340, -6.7709,
-21.6917

255.0000, 0.0000,
0.0000

■ 131.1470, -6.4815,
-21.1769

■ 212.9080, -7.3496,
-22.7213

■ 105.6740, -5.7553,
-20.7621

■ 239.7340, -6.7709,
-21.6917

■ 81.9730, -5.9027,
-20.1473

■ 251.4120, 1.7689,
-7.3773

■ 58.2010, -5.0291,
-20.3473

■ 35.4290, -4.1555,
-20.5472

■ 17.0230, -8.3923,
-14.9292

■ 0.0000, 0.0000,

0.0000

■ 157.7340, -6.7709,
-21.6917

■ 157.7340, -6.7709,
-21.6917

■ 151.1690, -9.9433,
-30.8432

■ 164.2990, -3.5984,
-12.5402

■ 144.4190,
-12.5316, -40.7095

■ 171.0490, -1.0102,
-2.6740

■ 137.8540,
-15.7040, -49.8610

■ 177.6140, 2.1623,
6.4775

■ 131.4030,
-18.4397, -59.1124

■ 184.0650, 4.8980,
15.7290

■ 124.8380,
-21.6121, -68.2639

■ 190.9290, 7.9230,
25.4953

■ 118.0880,
-24.2004, -78.1302

■ 197.3800, 10.6587,
34.7467

■ 111.5230,
-27.3728, -87.2817

■ 203.9450, 13.8311,
43.8982

■ 107.0230,
-29.0983, -93.8592

■ 205.6120, 18.9253,
43.3133

■ 206.8660, 23.7301,
42.2135

Harmonies

Analogous

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



160.5530, -15.5556, -3.9930



157.7340, -6.7709, -21.6917



155.5070, 4.1870, -36.4016

Triad

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



157.7340, -6.7709, -21.6917



162.1560, 20.1361, -18.5538



166.0490, -10.8702, 33.2830

Complementary

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



157.7340, -6.7709, -21.6917



148.2660, 6.7709, 21.6917

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.



166.7420, -1.8448, 31.7983



157.7340, -6.7709, -21.6917



165.4360, 15.5611, 2.2486

Square

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



157.7340, -6.7709, -21.6917



157.9320, 19.7535, -35.8974



166.8960, 7.9393, 20.2622



164.5830, -17.5424, 26.6757

Rectangle

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



157.7340, -6.7709, -21.6917



154.8960, 10.8973, -42.0048



166.8960, 7.9393, 20.2622



166.4450, -8.1074, 33.8127

Sweetspot

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



157.7340, -6.7709, -21.6917



218.2610, -2.5937, -8.1219



165.1510, -15.8504, -2.7634



108.6250, -1.2941, -4.9331



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



157.7340, -6.7709, -21.6917



200.3320, -10.5167, -33.6172



160.0140, 1.9651, -23.6913



83.5110, -1.7309, -4.8331



92.7240, -25.4999, -81.3189



14.1850, -4.0352, -12.4402

Inverse Universe

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



148.2660, 6.7709, 21.6917



185.6680, 10.5167, 33.6172



145.9860, -1.9651, 23.6913



81.3750, 1.2941, 4.9331



57.2760, 25.4999, 81.3189



8.8150, 4.0352, 12.4402

Previews

White Background



This preview shows how the YUV color 157.7340, -6.7709, -21.6917 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 157.7340, -6.7709, -21.6917 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 157.7340, -6.7709, -21.6917

Background



This preview shows how black text looks on a background with the YUV color 157.7340, -6.7709, -21.6917.



This preview shows how white text looks on a background with the YUV color 157.7340, -6.7709, -21.6917.

-21.6917.

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

157.7340, -6.7709, -21.6917

Protanopia

162.9550, -11.8098, 7.9325

Deuteranopia

164.2320, -8.4954, 18.2135



Tritanopia

161.1100, 9.8058, -18.5135

Trichromacy



Original Color

157.7340, -6.7709, -21.6917

Protanomaly

161.3450, -10.0301, -2.9336

Deuteranomaly

161.9590, -7.8678, 3.5440

Tritanomaly

159.9050, 3.9908, -20.0877

Monochromacy



Original Color

157.7340, -6.7709, -21.6917

Achromatopsia

158.0000, 0.0000, 0.0000

Achromatomaly

157.6740, -2.3043, -7.6071

CSS Examples

Text

The CSS property to change the color of the text to YUV 157.7340, -6.7709, -21.6917 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(133, 173, 144)` looks like.

```
.text, #text, p{  
    color:rgb(133, 173, 144)  
}
```

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(133, 173, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 173, 144) }
```

Border

The CSS property to change the border of an element to YUV 157.7340, -6.7709, -21.6917 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(133, 173, 144) }
```


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

```
.border{ border-color:rgb(133, 173, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 173, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 173, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 173, 144);  
box-shadow:4px 4px 4px 4px rgb(133, 173,  
144) }
```

Background

The CSS property to change the background color of an element to YUV 157.7340, -6.7709, -21.6917 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 173, 144) }
```

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

```
.background{ background-color: rgb(133,  
173, 144) }
```

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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