

Converting Colors

YUV(157.4720, -2.6977,
-21.4619)

Have a look what the booklet for
YUV(157.4720, -2.6977, -21.4619)
contains.

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Color

**YUV(157.4720, -2.6977,
-21.4619)**

Conversions

Conversions Part 1

Format	Color
Hex	85AB98
RGB	133, 171, 152
RGB Percent	52%, 67%, 60%
CMY	0.4784, 0.3294, 0.4039
CMYK	0.22, 0.00, 0.11, 0.33
HSL	150°, 18%, 60%
HSV	150°, 22%, 67%
XYZ	29.9033, 36.3794, 35.1516
YIQ	157.4720, -16.5490, -13.9650

Conversions

Conversions Part 2

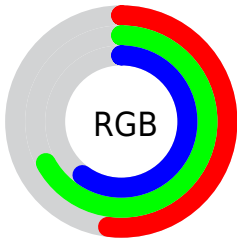
Format	Color
RYB	133, 158, 171
Decimal	8760216
CIELab	66.81, -16.87, 5.57
CIElCh	67, 17.765, 161.719
Yxy	36.3794, 0.2948, 0.3586
Android (android.graphics.Color)	4286950296 (0xFF85AB98)
YUV	157.4720, -2.6977, -21.4619
Hunter-Lab	60.3153, -17.0546, 7.6666

Details

The YUV color **157.4720, -2.6977, -21.4619** is a light color, and the websafe version is hex **669999**. A complement of this color would be **146.5280, 2.6977, 21.4619**, and the grayscale version is **158.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **212.0590, -2.9871, -21.9767**, and **106.1840, -2.5557, -20.3324** is the 20% darker color. If you saturate the color by 10%, you get **151.3630, -4.1230, -31.0134**, and if you desaturate by 10%, it is **163.5810, -1.2724, -11.9105**.

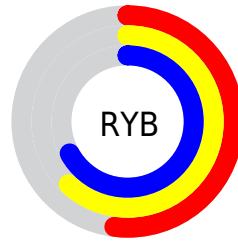
Distribution



Red (52%)

Green (67%)

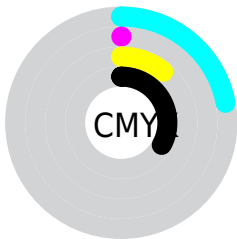
Blue (60%)



Red (52%)

Yellow (62%)

Blue (67%)

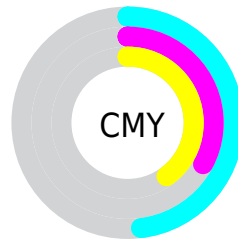


Cyan (22%)

Magenta (0%)

Yellow (11%)

Black (33%)



Cyan (48%)

Magenta (33%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 157.4720, -2.6977, -21.4619 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 157.4720, -2.6977, -21.4619 by changing the saturation by 10% instead.

■ 157.4720, -2.6977,
-21.4619

■ 157.4720, -2.6977,
-21.4619

255.0000, 0.0000,
0.0000

■ 130.8850, -2.4083,
-20.9471

■ 212.0590, -2.9871,
-21.9767

■ 106.1840, -2.5557,
-20.3324

■ 240.6460, -3.2765,
-22.4915

■ 81.5970, -2.2663,
-19.8176

■ 251.4120, 1.7689,
-7.3773

■ 58.0100, -1.9769,
-19.3028

■ 34.9390, -0.9559,
-20.1175

■ 17.6900, -3.2982,
-15.5141

■ 0.0000, 0.0000,

0.0000

■ 157.4720, -2.6977,
-21.4619

■ 157.4720, -2.6977,
-21.4619

■ 151.3630, -4.1230,
-31.0134

■ 163.5810, -1.2724,
-11.9105

■ 145.3680, -5.1114,
-40.6647

■ 169.5760, -0.2840,
-2.2592

■ 139.2590, -6.5367,
-50.2161

■ 175.6850, 1.1413,
7.2923

■ 133.2640, -7.5252,
-59.8675

■ 181.6800, 2.1298,
16.9436

■ 127.1550, -8.9504,
-69.4189

■ 187.7890, 3.5550,
26.4950

■ 120.8610, -9.7915,
-79.6851

■ 194.0830, 4.3961,
36.7612

■ 114.7520,
-11.2167, -89.2365

■ 200.1920, 5.8213,
46.3126

■ 110.0670,
-12.3580, -96.5288

■ 201.7020, 9.0209,
46.7423

■ 202.7280, 12.9521,
45.8425

Harmonies

Analogous

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



159.1980, -10.4506, -8.0666



157.4720, -2.6977, -21.4619



156.2950, 5.7706, -30.9537

Triad

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



157.4720, -2.6977, -21.4619



162.9570, 15.3042, -8.7323



164.5920, -11.1379, 25.7908

Complementary

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



157.4720, -2.6977, -21.4619



146.5280, 2.6977, 21.4619

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.



165.1390, -4.0125, 27.0651



157.4720, -2.6977, -21.4619



164.5030, 10.5980, 7.4519

Square

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



157.4720, -2.6977, -21.4619



159.6840, 15.9318, -23.4019



165.4570, 3.7187, 20.6472



162.9240, -14.7525, 18.4837

Rectangle

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



157.4720, -2.6977, -21.4619



156.3640, 11.1595, -32.7682



165.4570, 3.7187, 20.6472



164.7600, -9.2487, 26.5205

Sweetspot

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



157.4720, -2.6977, -21.4619



216.3040, -1.1359, -9.0366



160.9870, -13.7976, -7.8816



108.8530, -0.4205, -5.1331



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.



157.4720, -2.6977, -21.4619



200.6400, -4.2595, -33.8873



159.6380, 5.6015, -23.3615



83.7390, -0.8573, -5.0331



96.6000, -10.6488, -84.7182



14.7550, -1.8512, -12.9401

Inverse Universe

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



146.5280, 2.6977, 21.4619



183.3600, 4.2595, 33.8873



144.3620, -5.6015, 23.3615



81.1470, 0.4205, 5.1331



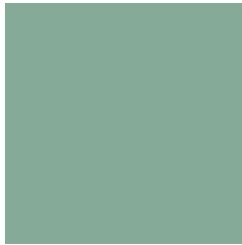
53.4000, 10.6488, 84.7182



8.1310, 1.4144, 13.0401

Previews

White Background



This preview shows how the YUV color 157.4720, -2.6977, -21.4619 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 157.4720, -2.6977, -21.4619 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

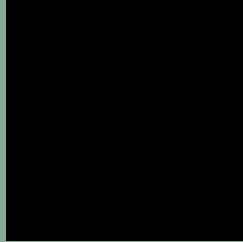
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 157.4720, -2.6977, -21.4619

Background



This preview shows how black text looks on a background with the YUV color 157.4720, -2.6977, -21.4619.



This preview shows how white text looks on a background with the YUV color 157.4720, -2.6977, -21.4619.

-21.4619.

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

157.4720, -2.6977, -21.4619

Protanopia

162.3830, -7.5838, 5.8031

Deuteranopia

163.6490, -4.2640, 14.3398



Tritanopia

159.8110, 9.9532, -19.1282

Trichromacy



Original Color

157.4720, -2.6977, -21.4619

Protanomaly

160.4850, -5.6621, -3.9333

Deuteranomaly

161.3870, -3.6418, 1.4146

Tritanomaly

158.6600, 5.5906, -19.8728

Monochromacy



Original Color

157.4720, -2.6977, -21.4619

Achromatopsia

157.0000, 0.0000, 0.0000

Achromatomaly

157.0160, -0.9939, -7.9070

CSS Examples

Text

The CSS property to change the color of the text to YUV 157.4720, -2.6977, -21.4619 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, 171, 152)` looks like.

```
.text, #text, p{  
    color:rgb(133, 171, 152)  
}
```

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, 171, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 171, 152) }
```

Border

The CSS property to change the border of an element to YUV 157.4720, -2.6977, -21.4619 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, 171, 152) }
```


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

```
.border{ border-color:rgb(133, 171, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 171, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 171, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 171, 152);  
box-shadow:4px 4px 4px 4px rgb(133, 171,  
152) }
```

Background

The CSS property to change the background color of an element to YUV 157.4720, -2.6977, -21.4619 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 171, 152) }
```

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

```
.background{ background-color: rgb(133,  
171, 152) }
```

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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