

Converting Colors

YUV(157.8730, 5.9786, -4.2736)

Have a look what the booklet for
YUV(157.8730, 5.9786, -4.2736)
contains.

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Color

**YUV(157.8730, 5.9786,
-4.2736)**

Conversions

Conversions Part 1

Format	Color
Hex	999EAA
RGB	153, 158, 170
RGB Percent	60%, 62%, 67%
CMY	0.4000, 0.3804, 0.3333
CMYK	0.10, 0.07, 0.00, 0.33
HSL	222°, 9%, 63%
HSV	222°, 10%, 67%
XYZ	32.6194, 34.1283, 42.8984
YIQ	157.8730, -6.8320, 2.6720

Conversions

Conversions Part 2

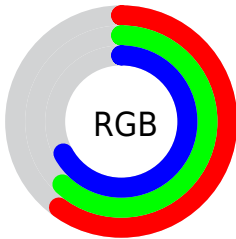
Format	Color
RYB	153, 157, 170
Decimal	10067626
CIELab	65.06, 0.65, -6.85
CIElCh	65, 6.884, 275.422
Yxy	34.1283, 0.2975, 0.3113
Android (android.graphics.Color)	4288257706 (0xFF999EAA)
YUV	157.8730, 5.9786, -4.2736
Hunter-Lab	58.4194, -2.5657, -2.6441

Details

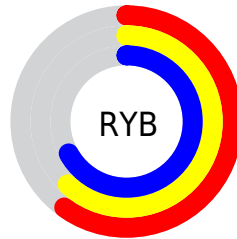
The YUV color **157.8730, 5.9786, -4.2736** is a light color, and the websafe version is hex **999999**. A complement of this color would be **165.1270, -5.9786, 4.2736**, and the grayscale version is **158.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **212.5740, 6.1260, -4.8884**, and **106.7590, 5.5418, -4.1736** is the 20% darker color. If you saturate the color by 10%, you get **145.7460, 11.9572, -8.5472**, and if you desaturate by 10%, it is **170.0000, 0.0000, 0.0000**.

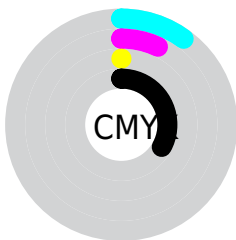
Distribution



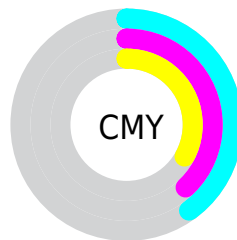
- Red (60%)
- Green (62%)
- Blue (67%)



- Red (60%)
- Yellow (62%)
- Blue (67%)



- Cyan (10%)
- Magenta (7%)
- Yellow (0%)
- Black (33%)



- Cyan (40%)
- Magenta (38%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 157.8730, 5.9786, -4.2736 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 157.8730, 5.9786, -4.2736 by changing the saturation by 10% instead.

■ 157.8730, 5.9786,
-4.2736

■ 157.8730, 5.9786,
-4.2736

255.0000, 0.0000,
0.0000

■ 131.8730, 5.9786,
-4.2736

■ 212.5740, 6.1260,
-4.8884

■ 106.7590, 5.5418,
-4.1736

■ 240.9870, 6.4154,
-4.3736

■ 82.6450, 5.1050,
-4.0737

■ 59.6450, 5.1050,
-4.0737

■ 37.5310, 4.6682,
-3.9737

■ 16.6450, 5.1050,
-4.0737

■ 0.0000, 0.0000,

0.0000

■ 157.8730, 5.9786,
-4.2736

■ 157.8730, 5.9786,
-4.2736

■ 145.7460, 11.9572,
-8.5472

■ 170.0000, 0.0000,
0.0000

■ 133.6190, 17.9358,
-12.8209

■ 182.1270, -5.9786,
4.2736

■ 121.4920, 23.9144,
-17.0945

■ 194.2540,
-11.9572, 8.5472

■ 109.3650, 29.8931,
-21.3681

■ 206.3810,
-17.9358, 12.8209

■ 97.2380, 35.8717,
-25.6417

■ 218.5080,
-23.9144, 17.0945

■ 85.1110, 41.8503,
-29.9153

■ 230.6350,
-29.8931, 21.3681

■ 72.9840, 47.8289,
-34.1890

■ 237.6790,
-33.3657, 15.1905

■ 60.8570, 53.8075,
-38.4626

■ 244.7230,
-36.8384, 9.0129

■ 48.7300, 59.7861,
-42.7362

■ 245.3100,
-37.1278, 8.4981

Harmonies

Analogous

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



157.1390, 5.8475, -8.8919



157.8730, 5.9786, -4.2736



158.8630, 4.5045, 1.8741

Triad

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



157.8730, 5.9786, -4.2736



158.7410, -3.8163, 10.7511



156.2010, -1.5781, -7.1923

Complementary

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



157.8730, 5.9786, -4.2736



165.1270, -5.9786, 4.2736

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.



157.1370, -4.5045, -1.8741



157.8730, 5.9786, -4.2736



158.5620, -5.7001, 8.2771

Square

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



157.8730, 5.9786, -4.2736



159.4250, -1.1955, 10.1513



157.8280, -5.8312, 3.6588



156.2760, 1.3429, -10.7661

Rectangle

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



157.8730, 5.9786, -4.2736



159.1300, 2.8939, 5.1480



157.8280, -5.8312, 3.6588



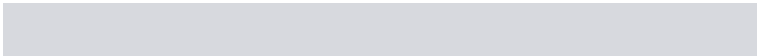
156.5710, -2.7465, -5.7628

Sweetspot

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



157.8730, 5.9786, -4.2736



216.9720, 2.4788, -1.7294



164.3470, 0.3219, -9.9513



109.0430, 1.4578, -0.9147



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.



157.8730, 5.9786, -4.2736



202.7740, 9.4784, -6.8178



155.8350, 6.9833, 0.1447



78.0860, 2.9156, -1.8294



42.7000, 51.9129, -37.4479



5.8020, 6.9996, -5.0884

Inverse Universe

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



158.6530, -0.3219, 9.9513



203.9850, -0.4856, 15.7992



167.1650, -6.9833, -0.1447



78.6200, -0.3057, 4.7183



49.2680, -2.5971, 86.5880



6.6640, -0.3274, 11.6957

Previews

White Background



This preview shows how the YUV color 157.8730, 5.9786, -4.2736 looks on a white background.

Color Contrast Check

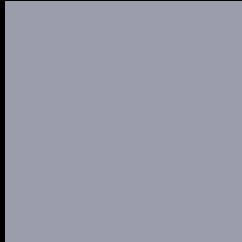
Large Text (above 18pt) WCAG AA × Fail

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 157.8730, 5.9786, -4.2736 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

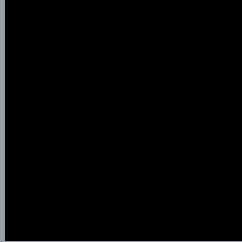
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 157.8730, 5.9786, -4.2736

Background



This preview shows how black text looks on a background with the YUV color 157.8730, 5.9786, -4.2736.



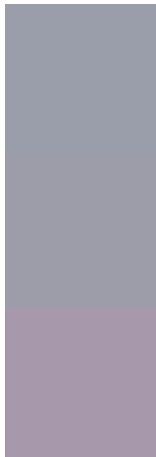
This preview shows how white text looks on a background with the YUV color 157.8730, 5.9786, -4.2736.

-4.2736.

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

157.8730, 5.9786, -4.2736

Protanopia

158.3680, 5.2416, -1.1997

Deuteranopia

159.2380, 5.7987, 6.8073



Tritanopia

157.8730, 5.9786, -4.2736

Trichromacy



Original Color

157.8730, 5.9786, -4.2736

Protanomaly

158.0690, 5.3890, -1.8145

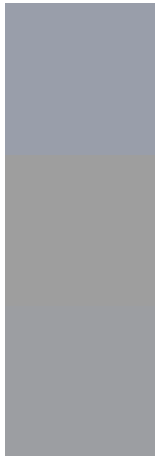
Deuteranomaly

158.9170, 5.9569, 2.7038

Tritanomaly

157.8730, 5.9786, -4.2736

Monochromacy



Original Color

157.8730, 5.9786, -4.2736

Achromatopsia

158.0000, 0.0000, 0.0000

Achromatomaly

157.8580, 2.0420, -1.6295

CSS Examples

Text

The CSS property to change the color of the text to YUV 157.8730, 5.9786, -4.2736 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(153, 158, 170)` looks like.

```
.text, #text, p{  
    color:rgb(153, 158, 170)  
}
```

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(153, 158, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 158, 170) }
```

Border

The CSS property to change the border of an element to YUV 157.8730, 5.9786, -4.2736 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(153, 158, 170) }
```


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

```
.border{ border-color:rgb(153, 158, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 158, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 158, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 158, 170);  
box-shadow:4px 4px 4px 4px rgb(153, 158,  
170) }
```

Background

The CSS property to change the background color of an element to YUV 157.8730, 5.9786, -4.2736 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 158, 170) }
```

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

```
.background{ background-color: rgb(153,  
158, 170) }
```

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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