

Converting Colors

YUV(171.1740, 16.1832,
-10.6766)

Have a look what the booklet for
YUV(171.1740, 16.1832, -10.6766)
contains.

YUV(171.1740, 16.1832, -10.6766)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(171.1740, 16.1832,
-10.6766)**

Conversions

Conversions Part 1

Format	Color
Hex	9FABCC
RGB	159, 171, 204
RGB Percent	62%, 67%, 80%
CMY	0.3765, 0.3294, 0.2000
CMYK	0.22, 0.16, 0.00, 0.20
HSL	224°, 31%, 71%
HSV	224°, 22%, 80%
XYZ	39.7601, 40.8564, 62.9172
YIQ	171.1740, -17.7450, 7.7190

Conversions

Conversions Part 2

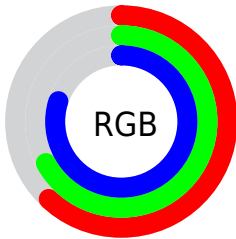
Format	Color
R_{YB}	159, 168, 204
Decimal	10464204
CIE _{Lab}	70.08, 2.93, -18.18
CIE _{LCh}	70, 18.413, 279.156
Yxy	40.8564, 0.2770, 0.2846
Android (android.graphics.Color)	4288654284 (0xFF9FABCC)
YUV	171.1740, 16.1832, -10.6766
Hunter-Lab	63.9190, -0.8244, -13.6175

Details

The YUV color $171.1740, 16.1832, -10.6766$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $191.8260, -16.1832, 10.6766$, and the grayscale version is $171.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $225.7180, 14.4360, -10.2767$, and $118.9460, 15.3096, -10.4766$ is the 20% darker color. If you saturate the color by 10%, you get $156.3890, 23.4722, -15.2502$, and if you desaturate by 10%, it is $185.9590, 8.8942, -6.1030$.

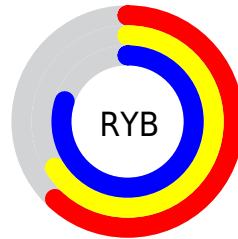
Distribution



Red (62%)

Green (67%)

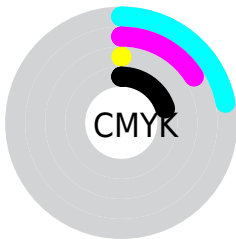
Blue (80%)



Red (62%)

Yellow (66%)

Blue (80%)

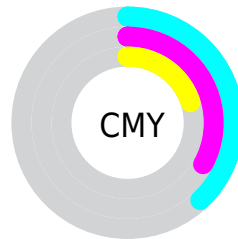


Cyan (22%)

Magenta (16%)

Yellow (0%)

Black (20%)



Cyan (38%)

Magenta (33%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 171.1740, 16.1832, -10.6766 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 171.1740, 16.1832, -10.6766 by changing the saturation by 10% instead.

■ 171.1740, 16.1832,
-10.6766

■ 171.1740, 16.1832,
-10.6766

255.0000, 0.0000,
0.0000

■ 145.0600, 15.7464,
-10.5766

■ 225.7180, 14.4360,
-10.2767

■ 118.9460, 15.3096,
-10.4766

■ 251.4120, 1.7689,
-7.3773

■ 93.8320, 14.8728,
-10.3767

■ 70.3050, 14.1466,
-10.7915

■ 47.1910, 13.7098,
-10.6915

■ 25.6530, 12.9891,
-12.8507

■ 3.5340, 13.5407,

-3.0993

■ 0.3420, 1.3104,
-0.2999

■ 0.0000, 0.0000,
0.0000

■ 171.1740, 16.1832,
-10.6766

■ 171.1740, 16.1832,
-10.6766

■ 156.3890, 23.4722,
-15.2502

■ 185.9590, 8.8942,
-6.1030

■ 141.3050, 30.9086,
-20.4385

■ 201.0430, 1.4578,
-0.9147

■ 126.5200, 38.1976,
-25.0120

■ 215.8280, -5.8312,
3.6588

■ 111.4360, 45.6341,
-30.2004

■ 230.9120,
-13.2676, 8.8472

■ 96.6510, 52.9231,
-34.7739

■ 243.9030,
-19.6722, 9.7321

■ 81.8660, 60.2121,
-39.3475

■ 249.1860,
-22.2767, 5.0989

■ 66.7820, 67.6485,
-44.5358

■ 54.9540, 73.4797,
-48.1947

Harmonies

Analogous

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



167.9010, 16.8108, -25.3462



171.1740, 16.1832, -10.6766



173.4320, 11.6190, 6.6371

Triad

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



171.1740, 16.1832, -10.6766



173.6030, -11.1433, 27.5352



166.2440, -3.5713, -21.2620

Complementary

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



171.1740, 16.1832, -10.6766



191.8260, -16.1832, 10.6766

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.



168.2690, -11.4716, -7.2519



171.1740, 16.1832, -10.6766



171.8210, -15.1948, 20.3280

Square

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



171.1740, 16.1832, -10.6766



174.5520, -3.7231, 27.5799



170.2170, -15.8830, 7.7027



164.8820, 5.4812, -31.4685

Rectangle

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



171.1740, 16.1832, -10.6766



174.3470, 7.2239, 16.3587



170.2170, -15.8830, 7.7027



166.8810, -6.3503, -16.5586

Sweetspot

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



171.1740, 16.1832, -10.6766



241.9870, 6.4154, -4.3736



189.1770, 1.3917, -26.4652



120.0150, 3.9366, -2.6442



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.



171.1740, 16.1832, -10.6766



206.5030, 23.9090, -15.3501



167.4190, 18.0344, 2.2635



94.9010, 3.4998, -2.5442



44.7520, 59.7753, -39.2475



10.2020, 13.7044, -8.9472

Inverse Universe

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



173.8230, -1.3917, 26.4652



210.6720, -2.3033, 38.8757



195.8800, -18.1818, -1.6488



95.3320, -0.1637, 5.8478



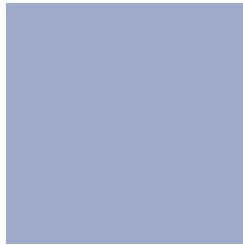
54.6500, -5.2504, 97.6539



12.5020, -1.2335, 22.3617

Previews

White Background



This preview shows how the YUV color 171.1740, 16.1832, -10.6766 looks on a white background.

Color Contrast Check

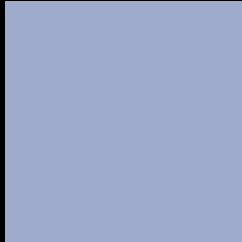
Large Text (above 18pt) WCAG AA × Fail

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 171.1740, 16.1832, -10.6766 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

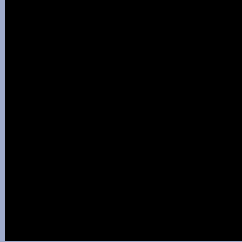
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 171.1740, 16.1832, -10.6766

Background



This preview shows how black text looks on a background with the YUV color 171.1740, 16.1832, -10.6766.



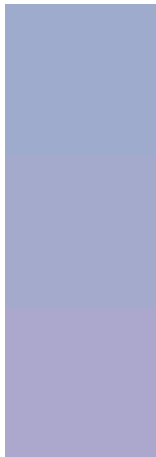
This preview shows how white text looks on a background with the YUV color 171.1740, 16.1832, -10.6766.

-10.6766.

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

171.1740, 16.1832, -10.6766

Protanopia

171.9680, 15.2988, -6.9879

Deuteranopia

172.5280, 16.0087, -1.3401



Tritanopia

170.2140, 8.7685, -12.4657

Trichromacy



Original Color

171.1740, 16.1832, -10.6766

Protanomaly

171.3700, 15.5936, -8.2175

Deuteranomaly

171.9190, 16.3089, -4.3140

Tritanomaly

170.6100, 11.5313, -11.9360

Monochromacy



Original Color

171.1740, 16.1832, -10.6766

Achromatopsia

171.0000, 0.0000, 0.0000

Achromatomaly

171.1720, 5.8312, -3.6588

CSS Examples

Text

The CSS property to change the color of the text to YUV 171.1740, 16.1832, -10.6766 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(159, 171, 204)` looks like.

```
.text, #text, p{  
    color:rgb(159, 171, 204)  
}
```

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(159, 171, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 171, 204) }
```

Border

The CSS property to change the border of an element to YUV 171.1740, 16.1832, -10.6766 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(159, 171, 204) }
```


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

```
.border{ border-color:rgb(159, 171, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 171, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 171, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 171, 204);  
box-shadow:4px 4px 4px 4px rgb(159, 171,  
204) }
```

Background

The CSS property to change the background color of an element to YUV 171.1740, 16.1832, -10.6766 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 171, 204) }
```

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

```
.background{ background-color: rgb(159,  
171, 204) }
```

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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