

Converting Colors

YUV(162.9720, 19.2408,
-11.3764)

Have a look what the booklet for
YUV(162.9720, 19.2408, -11.3764)
contains.

YUV(162.9720, 19.2408, -11.3764)	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(162.9720, 19.2408,
-11.3764)**

Conversions

Conversions Part 1

Format	Color
Hex	96A2CA
RGB	150, 162, 202
RGB Percent	59%, 64%, 79%
CMY	0.4118, 0.3647, 0.2078
CMYK	0.26, 0.20, 0.00, 0.21
HSL	226°, 33%, 69%
HSV	226°, 26%, 79%
XYZ	36.1587, 36.5890, 61.0337
YIQ	162.9720, -19.9920, 9.8960

Conversions

Conversions Part 2

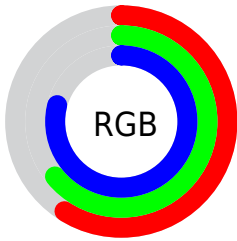
Format	Color
R_{YB}	150, 160, 202
Decimal	9872074
CIE _{Lab}	66.97, 4.68, -21.86
CIE _{LCh}	67, 22.352, 282.075
Yxy	36.5890, 0.2703, 0.2735
Android (android.graphics.Color)	4288062154 (0xFF96A2CA)
YUV	162.9720, 19.2408, -11.3764
Hunter-Lab	60.4888, 0.8474, -17.4819

Details

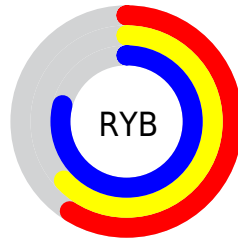
The YUV color $162.9720, 19.2408, -11.3764$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $189.0280, -19.2408, 11.3764$, and the grayscale version is $163.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $217.7440, 18.3672, -11.1765$, and $111.3310, 18.0778, -11.6913$ is the 20% darker color. If you saturate the color by 10%, you get $147.6000, 26.8192, -15.4352$, and if you desaturate by 10%, it is $178.3440, 11.6624, -7.3177$.

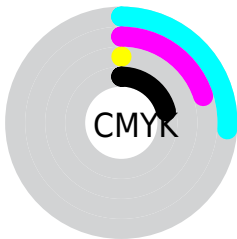
Distribution



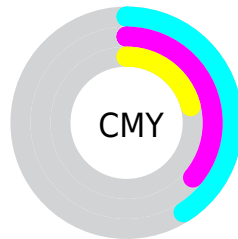
- Red (59%)
- Green (64%)
- Blue (79%)



- Red (59%)
- Yellow (63%)
- Blue (79%)



- Cyan (26%)
- Magenta (20%)
- Yellow (0%)
- Black (21%)



- Cyan (41%)
- Magenta (36%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YUV color 162.9720, 19.2408, -11.3764 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 162.9720, 19.2408, -11.3764 by changing the saturation by 10% instead.

■ 162.9720, 19.2408,
-11.3764

■ 162.9720, 19.2408,
-11.3764

255.0000, 0.0000,
0.0000

■ 136.8580, 18.8040,
-11.2765

■ 217.7440, 18.3672,
-11.1765

■ 111.3310, 18.0778,
-11.6913

■ 242.5520, 6.1369,
-8.3771

■ 86.2170, 17.6410,
-11.5913

■ 62.6900, 16.9148,
-12.0061

■ 39.8640, 16.3360,
-13.0357

■ 18.0270, 15.7627,
-15.8097

■ 4.4800, 12.0884,

-3.9290

■ 0.0000, 0.0000,
0.0000

■ 162.9720, 19.2408,
-11.3764

■ 162.9720, 19.2408,
-11.3764

■ 147.6000, 26.8192,
-15.4352

■ 178.3440, 11.6624,
-7.3177

■ 132.8150, 34.1082,
-20.0088

■ 193.1290, 4.3734,
-2.7441

■ 117.1440, 41.8340,
-24.6823

■ 208.8000, -3.3524,
1.9294

■ 102.3590, 49.1230,
-29.2558

■ 223.5850,
-10.6414, 6.5030

■ 86.9870, 56.7014,
-33.3146

■ 238.9570,
-18.2198, 10.5617

■ 72.2020, 63.9904,
-37.8882

■ 248.9580,
-23.1503, 5.2988

■ 56.8300, 71.5688,
-41.9469

■ 50.6170, 74.6318,
-44.3911

Harmonies

Analogous

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



158.3070, 21.0476, -30.9642



162.9720, 19.2408, -11.3764



165.6110, 13.5028, 9.1112

Triad

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



162.9720, 19.2408, -11.3764



164.9410, -13.7749, 31.6237



156.0260, -2.9708, -27.2098

Complementary

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



162.9720, 19.2408, -11.3764



189.0280, -19.2408, 11.3764

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.



158.9050, -12.7712, -10.4407



162.9720, 19.2408, -11.3764



163.5070, -18.9840, 22.3574

Square

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



162.9720, 19.2408, -11.3764



166.1290, -5.4866, 33.2129



161.2340, -18.3564, 7.6878



154.2230, 8.2711, -39.6606

Rectangle

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



162.9720, 19.2408, -11.3764



166.1950, 7.7919, 20.8770



161.2340, -18.3564, 7.6878



157.4350, -6.6235, -22.3065

Sweetspot

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



162.9720, 19.2408, -11.3764



239.6280, 7.5784, -4.0588



185.0840, 2.4236, -30.7687



118.2430, 4.8102, -2.8441



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.



162.9720, 19.2408, -11.3764



195.5720, 29.2980, -17.1646



160.1140, 20.6498, 3.4080



94.3140, 3.7892, -2.0294



41.2300, 61.5116, -36.1587



9.6150, 13.9938, -8.4324

Inverse Universe

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



166.9160, -2.4236, 30.7687



201.6730, -3.7828, 46.7678



191.8860, -20.6498, -3.4080



95.2180, -0.6005, 5.9478



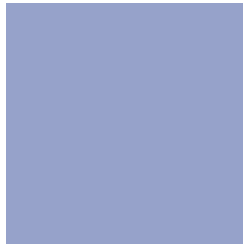
53.9660, -7.8712, 98.2538



12.3880, -1.6703, 22.4617

Previews

White Background



This preview shows how the YUV color 162.9720, 19.2408, -11.3764 looks on a white background.

Color Contrast Check

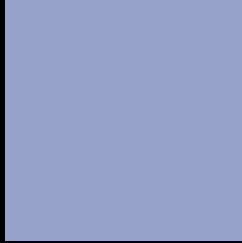
Large Text (above 18pt) WCAG AA × Fail

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 162.9720, 19.2408, -11.3764 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 162.9720, 19.2408, -11.3764 Background



This preview shows how black text looks on a background with the YUV color 162.9720, 19.2408, -11.3764.



This preview shows how white text looks on a background with the YUV color 162.9720, 19.2408, -11.3764.

-11.3764.

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

162.9720, 19.2408, -11.3764

Protanopia

163.1680, 18.6512, -8.9173

Deuteranopia

163.7170, 19.3665, -5.0138



Tritanopia

161.2030, 8.7739, -14.2100

Trichromacy



Original Color

162.9720, 19.2408, -11.3764

Protanomaly

162.8690, 18.7986, -9.5321

Deuteranomaly

163.4070, 19.5193, -7.3729

Tritanomaly

162.1260, 12.2629, -13.2655

Monochromacy



Original Color

162.9720, 19.2408, -11.3764

Achromatopsia

163.0000, 0.0000, 0.0000

Achromatomaly

163.1010, 6.8522, -4.4736

CSS Examples

Text

The CSS property to change the color of the text to YUV 162.9720, 19.2408, -11.3764 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(150, 162, 202)` looks like.

```
.text, #text, p{  
    color:rgb(150, 162, 202)  
}
```

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(150, 162, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 162, 202) }
```

Border

The CSS property to change the border of an element to YUV 162.9720, 19.2408, -11.3764 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(150, 162, 202) }
```


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

```
.border{ border-color:rgb(150, 162, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 162, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 162, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 162, 202);  
box-shadow:4px 4px 4px 4px rgb(150, 162,  
202) }
```

Background

The CSS property to change the background color of an element to YUV 162.9720, 19.2408, -11.3764 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 162, 202) }
```

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

```
.background{ background-color: rgb(150,  
162, 202) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor