

Converting Colors

YUV(171.7820, 17.3625,
-15.5948)

Have a look what the booklet for
YUV(171.7820, 17.3625, -15.5948)
contains.

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Color

**YUV(171.7820, 17.3625,
-15.5948)**

Conversions

Conversions Part 1

Format	Color
Hex	9AAECF
RGB	154, 174, 207
RGB Percent	60%, 68%, 81%
CMY	0.3961, 0.3176, 0.1882
CMYK	0.26, 0.16, 0.00, 0.19
HSL	217°, 36%, 71%
HSV	217°, 26%, 81%
XYZ	39.7250, 41.6471, 64.9765
YIQ	171.7820, -22.5130, 6.0230

Conversions

Conversions Part 2

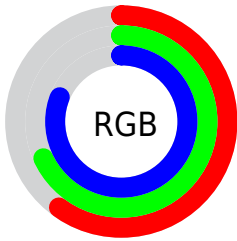
Format	Color
RYB	154, 169, 207
Decimal	10137295
CIELab	70.63, 0.44, -19.03
CIELCh	71, 19.030, 271.330
Yxy	41.6471, 0.2714, 0.2846
Android (android.graphics.Color)	4288327375 (0xFF9AAECF)
YUV	171.7820, 17.3625, -15.5948
Hunter-Lab	64.5346, -3.0579, -14.5218

Details

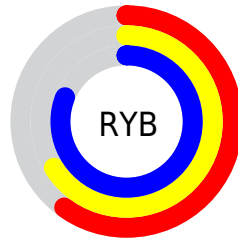
The YUV color $171.7820, 17.3625, -15.5948$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $189.2180, -17.3625, 15.5948$, and the grayscale version is $172.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $225.9840, 14.3049, -14.8950$, and $119.5540, 16.4889, -15.3949$ is the 20% darker color. If you saturate the color by 10%, you get $157.8720, 24.2201, -21.8127$, and if you desaturate by 10%, it is $185.6920, 10.5048, -9.3769$.

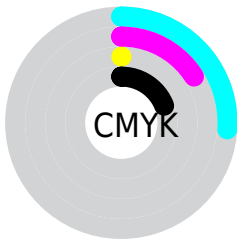
Distribution



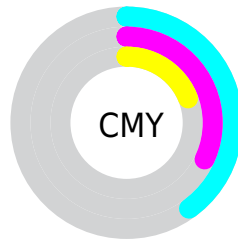
- Red (60%)
- Green (68%)
- Blue (81%)



- Red (60%)
- Yellow (66%)
- Blue (81%)



- Cyan (26%)
- Magenta (16%)
- Yellow (0%)
- Black (19%)



- Cyan (40%)
- Magenta (32%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the YUV color 171.7820, 17.3625, -15.5948 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 171.7820, 17.3625, -15.5948 by changing the saturation by 10% instead.

■ 171.7820, 17.3625,
-15.5948

■ 171.7820, 17.3625,
-15.5948

255.0000, 0.0000,
0.0000

■ 144.6680, 16.9257,
-15.4948

■ 225.9840, 14.3049,
-14.8950

■ 119.5540, 16.4889,
-15.3949

■ 249.9170, 2.5059,
-10.4512

■ 94.4400, 16.0521,
-15.2949

■ 70.0270, 15.7627,
-15.8097

■ 47.0870, 14.7471,
-16.7393

■ 24.4780, 15.0473,
-19.7132

■ 6.1100, 13.2568,

-5.3585

■ 0.7980, 3.0576,
-0.6998

■ 0.0000, 0.0000,
0.0000

■ 171.7820, 17.3625,
-15.5948

■ 171.7820, 17.3625,
-15.5948

■ 157.8720, 24.2201,
-21.8127

■ 185.6920, 10.5048,
-9.3769

■ 144.2610, 30.9303,
-27.4159

■ 199.3030, 3.7946,
-3.7737

■ 130.3510, 37.7880,
-33.6338

■ 213.2130, -3.0630,
2.4442

■ 116.4410, 44.6456,
-39.8518

■ 227.1230, -9.9206,
8.6621

■ 103.4170, 51.0664,
-45.9697

■ 239.5490,
-16.0467, 13.5505

■ 89.5070, 57.9240,
-52.1876

■ 247.1800,
-19.8087, 6.8581

■ 75.5970, 64.7817,
-58.4056

■ 249.5280,
-20.9663, 4.7989

■ 69.3840, 67.8447,
-60.8498

Harmonies

Analogous

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



168.2810, 17.1165, -30.0644



171.7820, 17.3625, -15.5948



174.5670, 13.5245, 2.1337

Triad

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



171.7820, 17.3625, -15.5948



175.0700, -9.4015, 28.8796



167.9840, -5.9081, -18.4030

Complementary

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



171.7820, 17.3625, -15.5948



189.2180, -17.3625, 15.5948

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.



169.8350, -13.2297, -3.3633



171.7820, 17.3625, -15.5948



173.5440, -15.0582, 23.2019

Square

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



171.7820, 17.3625, -15.5948



176.1220, -1.5391, 27.0800



172.0110, -16.7674, 11.3914



166.3120, 3.2972, -30.9686

Rectangle

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



171.7820, 17.3625, -15.5948



175.3080, 9.7082, 12.8849



172.0110, -16.7674, 11.3914



168.6210, -8.6872, -13.6996

Sweetspot

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



171.7820, 17.3625, -15.5948



241.3890, 6.7102, -5.6032



188.8730, -0.9234, -30.5836



119.4170, 4.2314, -3.8737



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.



171.7820, 17.3625, -15.5948



202.6160, 25.8253, -23.3422



161.8360, 22.2659, -1.6102



97.6020, 3.6472, -3.1590



56.7200, 54.8610, -49.7434



13.4790, 13.5679, -11.8211

Inverse Universe

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



172.1270, 0.9234, 30.5836



203.0410, 1.4588, 45.5680



199.1640, -22.2659, 1.6102



97.7450, 0.1257, 6.3626



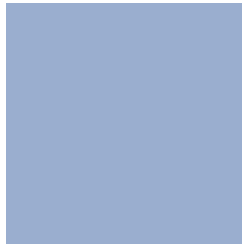
57.5280, 3.1907, 96.8839



13.9690, 0.5083, 23.7062

Previews

White Background



This preview shows how the YUV color 171.7820, 17.3625, -15.5948 looks on a white background.

Color Contrast Check

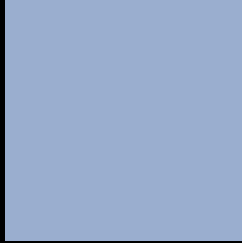
Large Text (above 18pt) WCAG AA × Fail

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 171.7820, 17.3625, -15.5948 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

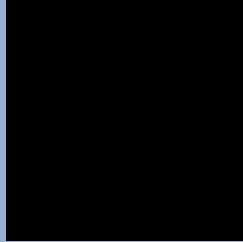
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

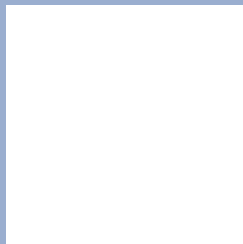
Any Text WCAG AAA ✓ Pass

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

YUV 171.7820, 17.3625, -15.5948 Background



This preview shows how black text looks on a background with the YUV color 171.7820, 17.3625, -15.5948.



This preview shows how white text looks on a background with the YUV color 171.7820, 17.3625, -15.5948.

-15.5948.

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

171.7820, 17.3625, -15.5948

Protanopia

173.3810, 15.5882, -6.4731

Deuteranopia

174.3430, 16.5929, -2.0548



Tritanopia

170.8220, 9.9478, -17.3839

Trichromacy



Original Color

171.7820, 17.3625, -15.5948

Protanomaly

172.8860, 16.3252, -9.5470

Deuteranomaly

173.4240, 17.0460, -7.3878

Tritanomaly

171.2180, 12.7105, -16.8542

Monochromacy



Original Color

171.7820, 17.3625, -15.5948

Achromatopsia

172.0000, 0.0000, 0.0000

Achromatomaly

171.9760, 6.4208, -6.1180

CSS Examples

Text

The CSS property to change the color of the text to YUV 171.7820, 17.3625, -15.5948 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(154, 174, 207)` looks like.

```
.text, #text, p{  
    color:rgb(154, 174, 207)  
}
```

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(154, 174, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 174, 207) }
```

Border

The CSS property to change the border of an element to YUV 171.7820, 17.3625, -15.5948 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(154, 174, 207) }
```


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

```
.border{ border-color:rgb(154, 174, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 174, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 174, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 174, 207);  
box-shadow:4px 4px 4px 4px rgb(154, 174,  
207) }
```

Background

The CSS property to change the background color of an element to YUV 171.7820, 17.3625, -15.5948 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 174, 207) }
```

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

```
.background{ background-color: rgb(154,  
174, 207) }
```

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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