

Converting Colors

YUV(171.9920, 25.6399,
-10.5170)

Have a look what the booklet for
YUV(171.9920, 25.6399, -10.5170)
contains.

YUV(171.9920, 25.6399, -10.5170)	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(171.9920, 25.6399,
-10.5170)**

Conversions

Conversions Part 1

Format	Color
Hex	A0A8E0
RGB	160, 168, 224
RGB Percent	63%, 66%, 88%
CMY	0.3725, 0.3412, 0.1216
CMYK	0.29, 0.25, 0.00, 0.12
HSL	232°, 51%, 75%
HSV	232°, 29%, 88%
XYZ	41.9544, 40.8607, 76.1967
YIQ	171.9920, -22.7440, 15.7200

Conversions

Conversions Part 2

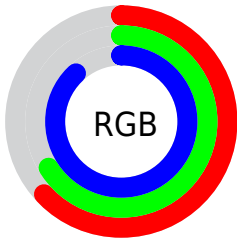
Format	Color
R _Y B	160, 167, 224
Decimal	10528992
CIE Lab	70.08, 9.67, -29.15
CIE LCh	70, 30.716, 288.356
Yxy	40.8607, 0.2638, 0.2570
Android (android.graphics.Color)	4288719072 (0xFFA0A8E0)
YUV	171.9920, 25.6399, -10.5170
Hunter-Lab	63.9223, 5.2914, -25.9292

Details

The YUV color $171.9920, 25.6399, -10.5170$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $212.0080, -25.6399, 10.5170$, and the grayscale version is $172.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $224.5550, 15.0094, -7.5027$, and $119.3510, 24.4770, -10.8318$ is the 20% darker color. If you saturate the color by 10%, you get $153.6740, 34.6707, -13.7461$, and if you desaturate by 10%, it is $190.3100, 16.6092, -7.2879$.

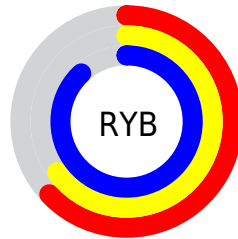
Distribution



Red (63%)

Green (66%)

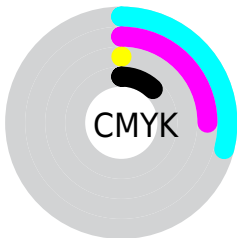
Blue (88%)



Red (63%)

Yellow (65%)

Blue (88%)

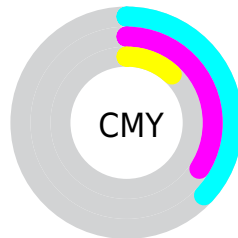


Cyan (29%)

Magenta (25%)

Yellow (0%)

Black (12%)



Cyan (37%)

Magenta (34%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YUV color 171.9920, 25.6399, -10.5170 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 171.9920, 25.6399, -10.5170 by changing the saturation by 10% instead.

■ 171.9920, 25.6399,
-10.5170

■ 171.9920, 25.6399,
-10.5170

■ 255.0000, 0.0000,
0.0000

■ 145.4650, 24.9138,
-10.9318

■ 224.5550, 15.0094,
-7.5027

■ 119.3510, 24.4770,
-10.8318

■ 250.2490, 2.3422,
-4.6034

■ 94.4110, 23.4614,
-11.7614

■ 69.8840, 22.7352,
-12.1763

■ 46.3460, 22.0144,
-14.3354

■ 23.0140, 22.1781,
-20.1833

■ 5.1300, 19.6559,

-4.4990

■ 3.3230, 10.1938,
-2.9143

■ 0.0000, 0.0000,
0.0000

■ 171.9920, 25.6399,
-10.5170

■ 171.9920, 25.6399,
-10.5170

■ 153.6740, 34.6707,
-13.7461

■ 190.3100, 16.6092,
-7.2879

■ 135.6440, 43.5595,
-18.1048

■ 208.3400, 7.7204,
-2.9292

■ 117.3260, 52.5903,
-21.3339

■ 226.6580, -1.3104,
0.2999

■ 99.2960, 61.4791,
-25.6926

■ 244.6880,
-10.1992, 4.6586

■ 80.9780, 70.5098,
-28.9217

■ 251.4660,
-13.5407, 3.0993

■ 62.6600, 79.5406,
-32.1508

■ 44.6300, 88.4294,
-36.5095

■ 41.9720, 89.7398,
-36.8094

Harmonies

Analogous

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



164.8310, 29.6633, -41.0708



171.9920, 25.6399, -10.5170



175.1760, 16.6752, 18.2626

Triad

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



171.9920, 25.6399, -10.5170



172.8730, -20.6434, 41.3304



159.8990, -0.4432, -44.6384

Complementary

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



171.9920, 25.6399, -10.5170



212.0080, -25.6399, 10.5170

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.



164.4540, -15.5068, -19.6922



171.9920, 25.6399, -10.5170



170.8790, -26.5623, 26.4161

Square

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



171.9920, 25.6399, -10.5170



174.1800, -9.4557, 46.3231



167.9040, -24.6027, 4.4692



156.3170, 15.6197, -63.4220

Rectangle

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



171.9920, 25.6399, -10.5170



175.3860, 8.1907, 32.9875



167.9040, -24.6027, 4.4692



161.5750, -5.7065, -36.4613

Sweetspot

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



171.9920, 25.6399, -10.5170



236.3830, 9.1782, -3.8439



203.8380, 5.5029, -38.4459



115.8840, 5.9732, -2.5293



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.



171.9920, 25.6399, -10.5170



184.3750, 34.8181, -14.3609



174.1730, 24.5647, 7.7413



102.8410, 4.5154, -1.6146



32.9780, 70.5098, -28.9217



8.9940, 19.2300, -7.8877

Inverse Universe

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



180.0480, -5.9397, 38.5459



195.2670, -8.0196, 52.3858



209.8270, -24.5647, -7.7413



104.4030, -1.1847, 6.6626



55.1320, -16.3341, 106.0012



15.0360, -4.4547, 28.9094

Previews

White Background



This preview shows how the YUV color 171.9920, 25.6399, -10.5170 looks on a white background.

Color Contrast Check

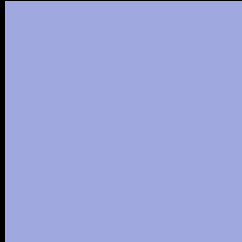
Large Text (above 18pt) WCAG AA × Fail

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 171.9920, 25.6399, -10.5170 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

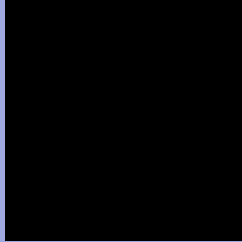
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 171.9920, 25.6399, -10.5170

Background



This preview shows how black text looks on a background with the YUV color 171.9920, 25.6399, -10.5170.



This preview shows how white text looks on a background with the YUV color 171.9920, 25.6399, -10.5170.

-10.5170.

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

171.9920, 25.6399, -10.5170

Protanopia

171.4970, 26.3770, -13.5909

Deuteranopia

171.6930, 25.7874, -11.1318



Tritanopia

169.9040, 8.9213, -14.8248

Trichromacy



Original Color

171.9920, 25.6399, -10.5170

Protanomaly

171.7960, 26.2296, -12.9761

Deuteranomaly

171.6930, 25.7874, -11.1318

Tritanomaly

170.5220, 15.0257, -12.7358

Monochromacy



Original Color

171.9920, 25.6399, -10.5170

Achromatopsia

172.0000, 0.0000, 0.0000

Achromatomaly

172.3830, 9.1782, -3.8439

CSS Examples

Text

The CSS property to change the color of the text to YUV 171.9920, 25.6399, -10.5170 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(160, 168, 224)` looks like.

```
.text, #text, p{  
    color:rgb(160, 168, 224)  
}
```

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(160, 168, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 168, 224) }
```

Border

The CSS property to change the border of an element to YUV 171.9920, 25.6399, -10.5170 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(160, 168, 224) }
```


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

```
.border{ border-color:rgb(160, 168, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 168, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 168, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 168, 224);  
box-shadow:4px 4px 4px 4px rgb(160, 168,  
224) }
```

Background

The CSS property to change the background color of an element to YUV 171.9920, 25.6399, -10.5170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 168, 224) }
```

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

```
.background{ background-color: rgb(160,  
168, 224) }
```

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