

Converting Colors

YUV(163.1400, 21.1300,
-10.6468)

Have a look what the booklet for
YUV(163.1400, 21.1300, -10.6468)
contains.

YUV(163.1400, 21.1300, -10.6468)	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(163.1400, 21.1300,
-10.6468)**

Conversions

Conversions Part 1

Format	Color
Hex	97A1CE
RGB	151, 161, 206
RGB Percent	59%, 63%, 81%
CMY	0.4078, 0.3686, 0.1922
CMYK	0.27, 0.22, 0.00, 0.19
HSL	229°, 36%, 70%
HSV	229°, 27%, 81%
XYZ	36.6479, 36.5253, 63.5110
YIQ	163.1400, -20.4050, 11.8750

Conversions

Conversions Part 2

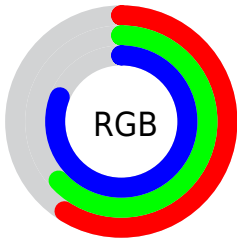
Format	Color
R_{YB}	151, 159, 206
Decimal	9937358
CIE _{Lab}	66.92, 6.51, -24.14
CIE _{LCh}	67, 25.004, 285.091
Yxy	36.5253, 0.2681, 0.2672
Android (android.graphics.Color)	4288127438 (0xFF97A1CE)
YUV	163.1400, 21.1300, -10.6468
Hunter-Lab	60.4361, 2.4776, -20.0013

Details

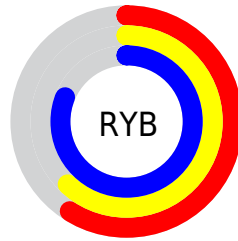
The YUV color $163.1400, 21.1300, -10.6468$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $193.8600, -21.1300, 10.6468$, and the grayscale version is $163.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $217.4560, 18.5092, -10.0469$, and $111.4990, 19.9670, -10.9616$ is the 20% darker color. If you saturate the color by 10%, you get $146.8820, 29.1452, -14.8055$, and if you desaturate by 10%, it is $179.3980, 13.1148, -6.4880$.

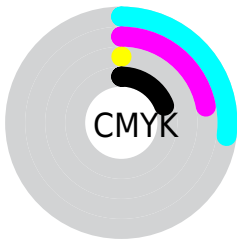
Distribution



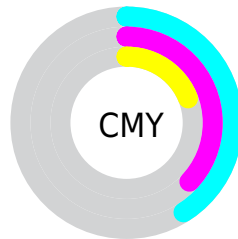
- Red (59%)
- Green (63%)
- Blue (81%)



- Red (59%)
- Yellow (62%)
- Blue (81%)



- Cyan (27%)
- Magenta (22%)
- Yellow (0%)
- Black (19%)



- Cyan (41%)
- Magenta (37%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the YUV color 163.1400, 21.1300, -10.6468 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 163.1400, 21.1300, -10.6468 by changing the saturation by 10% instead.

■ 163.1400, 21.1300,
-10.6468

■ 163.1400, 21.1300,
-10.6468

255.0000, 0.0000,
0.0000

■ 136.9120, 20.2564,
-10.4468

■ 217.4560, 18.5092,
-10.0469

■ 111.4990, 19.9670,
-10.9616

■ 242.5630, 6.1314,
-6.6328

■ 86.3850, 19.5302,
-10.8616

■ 62.4450, 18.5146,
-11.7913

■ 40.2060, 17.6464,
-13.3357

■ 17.7820, 17.3625,
-15.5948

■ 4.8220, 13.3988,

-4.2289

■ 0.4560, 1.7472,
-0.3999

■ 0.0000, 0.0000,
0.0000

■ 163.1400, 21.1300,
-10.6468

■ 163.1400, 21.1300,
-10.6468

■ 146.8820, 29.1452,
-14.8055

■ 179.3980, 13.1148,
-6.4880

■ 130.9230, 37.0130,
-18.3495

■ 195.3570, 5.2470,
-2.9441

■ 114.6650, 45.0282,
-22.5082

■ 211.6150, -2.7682,
1.2146

■ 99.2930, 52.6066,
-26.5670

■ 226.9870,
-10.3466, 5.2734

■ 83.0350, 60.6217,
-30.7257

■ 243.2450,
-18.3618, 9.4321

■ 66.7770, 68.6369,
-34.8844

■ 249.4140,
-21.4031, 4.8989

■ 50.8180, 76.5047,
-38.4284

■ 45.2030, 79.2729,
-39.6430

Harmonies

Analogous

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



157.9800, 23.6739, -33.3085



163.1400, 21.1300, -10.6468



165.8610, 14.3655, 12.3999

Triad

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



163.1400, 21.1300, -10.6468



164.6810, -16.1117, 34.4828



154.9220, -1.9335, -33.2576

Complementary

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



163.1400, 21.1300, -10.6468



193.8600, -21.1300, 10.6468

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.



157.7690, -13.1971, -13.8294



163.1400, 21.1300, -10.6468



162.9370, -21.1679, 22.8573

Square

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



163.1400, 21.1300, -10.6468



166.1080, -6.9552, 37.6163



160.6530, -20.5349, 6.4433



152.1620, 10.7661, -46.6231

Rectangle

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



163.1400, 21.1300, -10.6468



166.5160, 7.6336, 24.9805



160.6530, -20.5349, 6.4433



155.8150, -6.3178, -27.0248

Sweetspot

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



163.1400, 21.1300, -10.6468



239.0410, 7.8678, -3.5440



188.4150, 3.7394, -32.8130



117.6560, 5.0996, -2.3293



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.



163.1400, 21.1300, -10.6468



191.1530, 31.4766, -15.9202



162.3530, 21.5180, 4.9524



94.3140, 3.7892, -2.0294



36.5340, 63.8267, -32.0403



8.4410, 14.5726, -7.4028

Inverse Universe

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



168.5850, -3.7394, 32.8130



199.2280, -5.5354, 48.9120



194.6470, -21.5180, -4.9524



95.2180, -0.6005, 5.9478



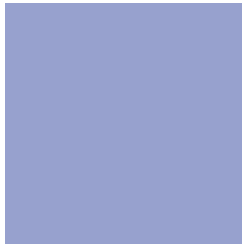
53.0540, -11.3656, 99.0536



12.1600, -2.5439, 22.6617

Previews

White Background



This preview shows how the YUV color 163.1400, 21.1300, -10.6468 looks on a white background.

Color Contrast Check

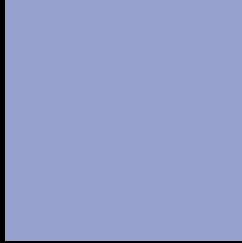
Large Text (above 18pt) WCAG AA × Fail

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 163.1400, 21.1300, -10.6468 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

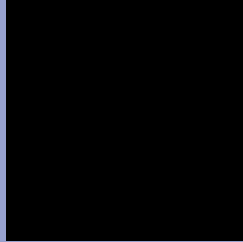
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 163.1400, 21.1300, -10.6468

Background



This preview shows how black text looks on a background with the YUV color 163.1400, 21.1300, -10.6468.



This preview shows how white text looks on a background with the YUV color 163.1400, 21.1300, -10.6468.

-10.6468.

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

163.1400, 21.1300, -10.6468

Protanopia

163.1400, 21.1300, -10.6468

Deuteranopia

164.0480, 20.6823, -7.0581



Tritanopia

161.5020, 8.6265, -13.5953

Trichromacy



Original Color

163.1400, 21.1300, -10.6468

Protanomaly

163.1400, 21.1300, -10.6468

Deuteranomaly

163.4500, 20.9772, -8.2876

Tritanomaly

162.0660, 13.2785, -12.3359

Monochromacy



Original Color

163.1400, 21.1300, -10.6468

Achromatopsia

163.0000, 0.0000, 0.0000

Achromatomaly

163.0410, 7.8678, -3.5440

CSS Examples

Text

The CSS property to change the color of the text to YUV 163.1400, 21.1300, -10.6468 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(151, 161, 206)` looks like.

```
.text, #text, p{  
    color:rgb(151, 161, 206)  
}
```

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(151, 161, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 161, 206) }
```

Border

The CSS property to change the border of an element to YUV 163.1400, 21.1300, -10.6468 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(151, 161, 206) }
```


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

```
.border{ border-color:rgb(151, 161, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 161, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 161, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 161, 206);  
box-shadow:4px 4px 4px 4px rgb(151, 161,  
206) }
```

Background

The CSS property to change the background color of an element to YUV 163.1400, 21.1300, -10.6468 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 161, 206) }
```

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

```
.background{ background-color: rgb(151,  
161, 206) }
```

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