

Converting Colors

YUV(165.1400, 21.1300,
-10.6468)

Have a look what the booklet for
YUV(165.1400, 21.1300, -10.6468)
contains.

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Color

**YUV(165.1400, 21.1300,
-10.6468)**

Conversions

Conversions Part 1

Format	Color
Hex	99A3D0
RGB	153, 163, 208
RGB Percent	60%, 64%, 82%
CMY	0.4000, 0.3608, 0.1843
CMYK	0.26, 0.22, 0.00, 0.18
HSL	229°, 37%, 71%
HSV	229°, 26%, 82%
XYZ	37.6192, 37.5208, 64.9340
YIQ	165.1400, -20.4050, 11.8750

Conversions

Conversions Part 2

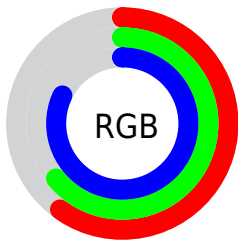
Format	Color
RYB	153, 161, 208
Decimal	10068944
CIELab	67.67, 6.48, -24.09
CIElCh	68, 24.950, 285.051
Yxy	37.5208, 0.2686, 0.2679
Android (android.graphics.Color)	4288259024 (0xFF99A3D0)
YUV	165.1400, 21.1300, -10.6468
Hunter-Lab	61.2542, 2.4309, -19.9739

Details

The YUV color $165.1400, 21.1300, -10.6468$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $195.8600, -21.1300, 10.6468$, and the grayscale version is $165.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $219.2280, 17.6356, -9.8470$, and $112.7980, 19.8196, -10.3468$ is the 20% darker color. If you saturate the color by 10%, you get $148.8820, 29.1452, -14.8055$, and if you desaturate by 10%, it is $181.3980, 13.1148, -6.4880$.

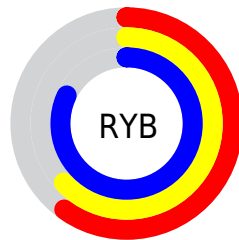
Distribution



Red (60%)

Green (64%)

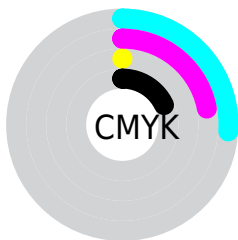
Blue (82%)



Red (60%)

Yellow (63%)

Blue (82%)

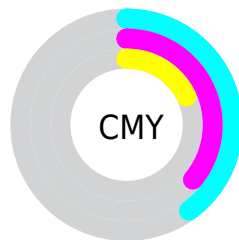


Cyan (26%)

Magenta (22%)

Yellow (0%)

Black (18%)



Cyan (40%)

Magenta (36%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YUV color 165.1400, 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 165.1400, 21.1300, -10.6468 by changing the saturation by 10% instead.

■ 165.1400, 21.1300,
-10.6468

■ 165.1400, 21.1300,
-10.6468

255.0000, 0.0000,
0.0000

■ 138.6130, 20.4038,
-11.0616

■ 219.2280, 17.6356,
-9.8470

■ 112.7980, 19.8196,
-10.3468

■ 244.3350, 5.2578,
-6.4328

■ 88.2710, 19.0934,
-10.7617

■ 64.4450, 18.5146,
-11.7913

■ 41.6190, 17.9358,
-12.8209

■ 19.1840, 17.6573,
-16.8244

■ 4.9360, 13.8356,

-4.3289

■ 0.7980, 3.0576,
-0.6998

■ 0.0000, 0.0000,
0.0000

■ 165.1400, 21.1300,
-10.6468

■ 165.1400, 21.1300,
-10.6468

■ 148.8820, 29.1452,
-14.8055

■ 181.3980, 13.1148,
-6.4880

■ 132.6240, 37.1604,
-18.9642

■ 197.6560, 5.0996,
-2.3293

■ 116.6650, 45.0282,
-22.5082

■ 213.6150, -2.7682,
1.2146

■ 100.4070, 53.0433,
-26.6669

■ 229.8730,
-10.7834, 5.3734

■ 84.1490, 61.0585,
-30.8257

■ 245.5330,
-18.5038, 8.3026

■ 67.8910, 69.0737,
-34.9844

■ 249.6420,
-20.5295, 4.6990

■ 51.6330, 77.0889,
-39.1431

■ 46.0180, 79.8571,
-40.3578

Harmonies

Analogous

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



159.9800, 23.6739, -33.3085



165.1400, 21.1300, -10.6468



167.8610, 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.



165.1400, 21.1300, -10.6468



166.6810, -16.1117, 34.4828



156.8080, -2.3703, -33.1576

Complementary

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



165.1400, 21.1300, -10.6468



195.8600, -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.



159.6550, -13.6339, -13.7294



165.1400, 21.1300, -10.6468



165.2360, -21.3153, 23.4720

Square

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



165.1400, 21.1300, -10.6468



168.1080, -6.9552, 37.6163



162.6530, -20.5349, 6.4433



154.1620, 10.7661, -46.6231

Rectangle

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



165.1400, 21.1300, -10.6468



168.5160, 7.6336, 24.9805



162.6530, -20.5349, 6.4433



157.8150, -6.3178, -27.0248

Sweetspot

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



165.1400, 21.1300, -10.6468



239.0410, 7.8678, -3.5440



190.4150, 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.



165.1400, 21.1300, -10.6468



191.1530, 31.4766, -15.9202



164.3530, 21.5180, 4.9524



96.4280, 4.2260, -2.1294



37.3490, 64.4109, -32.7551



8.7830, 15.8830, -7.7027

Inverse Universe

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



170.5850, -3.7394, 32.8130



199.2280, -5.5354, 48.9120



196.6470, -21.5180, -4.9524



97.5170, -0.7479, 6.5626



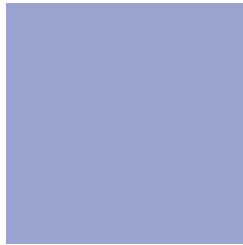
53.7660, -11.2236, 100.1832



13.0570, -2.9861, 24.5060

Previews

White Background



This preview shows how the YUV color 165.1400, 21.1300, -10.6468 looks on a white background.

Color Contrast Check

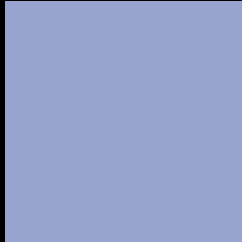
Large Text (above 18pt) WCAG AA × Fail

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 165.1400, 21.1300, -10.6468 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

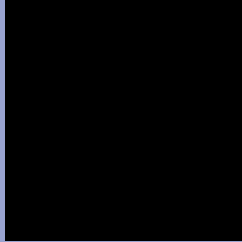
Any Text WCAG AA ✓ Pass

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 165.1400, 21.1300, -10.6468 Background



This preview shows how black text looks on a background with the YUV color 165.1400, 21.1300, -10.6468.



This preview shows how white text looks on a background with the YUV color 165.1400, 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

165.1400, 21.1300, -10.6468

Protanopia

165.1400, 21.1300, -10.6468

Deuteranopia

166.0480, 20.6823, -7.0581



Tritanopia

163.5020, 8.6265, -13.5953

Trichromacy



Original Color

165.1400, 21.1300, -10.6468

Protanomaly

165.1400, 21.1300, -10.6468

Deuteranomaly

165.4500, 20.9772, -8.2876

Tritanomaly

164.0660, 13.2785, -12.3359

Monochromacy



Original Color

165.1400, 21.1300, -10.6468

Achromatopsia

165.0000, 0.0000, 0.0000

Achromatomaly

165.0410, 7.8678, -3.5440

CSS Examples

Text

The CSS property to change the color of the text to YUV 165.1400, 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(153, 163, 208)` looks like.

```
.text, #text, p{  
    color:rgb(153, 163, 208)  
}
```

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(153, 163, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 163, 208) }
```

Border

The CSS property to change the border of an element to YUV 165.1400, 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(153, 163, 208) }
```


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

```
.border{ border-color:rgb(153, 163, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 163, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 163, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 163, 208);  
box-shadow:4px 4px 4px 4px rgb(153, 163,  
208) }
```

Background

The CSS property to change the background color of an element to YUV 165.1400, 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(153, 163, 208) }
```

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

```
.background{ background-color: rgb(153,  
163, 208) }
```

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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