

Converting Colors

YUV(133.8300, 38.0448,
-22.6529)

Have a look what the booklet for
YUV(133.8300, 38.0448, -22.6529)
contains.

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Color

**YUV(133.8300, 38.0448,
-22.6529)**

Conversions

Conversions Part 1

Format	Color
Hex	6C84D3
RGB	108, 132, 211
RGB Percent	42%, 52%, 83%
CMY	0.5765, 0.4824, 0.1725
CMYK	0.49, 0.37, 0.00, 0.17
HSL	226°, 54%, 63%
HSV	226°, 49%, 83%
XYZ	26.1935, 24.3938, 64.9559
YIQ	133.8300, -39.6630, 19.4810

Conversions

Conversions Part 2

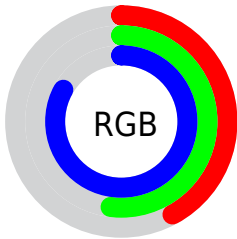
Format	Color
RYB	108, 127, 211
Decimal	7111891
CIELab	56.48, 12.96, -43.40
CIELCh	56, 45.294, 286.632
Yxy	24.3938, 0.2267, 0.2111
Android (android.graphics.Color)	4285301971 (0xFF6C84D3)
YUV	133.8300, 38.0448, -22.6529
Hunter-Lab	49.3901, 8.2328, -43.4028

Details

The YUV color **133.8300, 38.0448, -22.6529** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **185.1700, -38.0448, 22.6529**, and the grayscale version is **133.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **186.7010, 33.6714, -19.9088**, and **81.4550, 36.7507, -27.5860** is the 20% darker color. If you saturate the color by 10%, you get **118.1590, 45.7706, -27.3264**, and if you desaturate by 10%, it is **149.5010, 30.3190, -17.9794**.

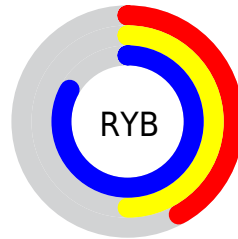
Distribution



Red (42%)

Green (52%)

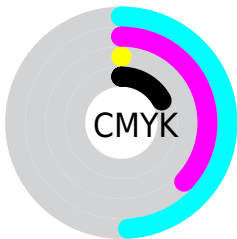
Blue (83%)



Red (42%)

Yellow (50%)

Blue (83%)

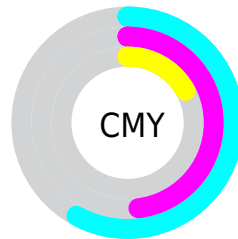


Cyan (49%)

Magenta (37%)

Yellow (0%)

Black (17%)



Cyan (58%)

Magenta (48%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the YUV color 133.8300, 38.0448, -22.6529 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 133.8300, 38.0448, -22.6529 by changing the saturation by 10% instead.

■ 133.8300, 38.0448,
-22.6529

■ 133.8300, 38.0448,
-22.6529

255.0000, 0.0000,
0.0000

■ 107.5910, 37.1766,
-24.1973

■ 186.7010, 33.6714,
-19.9088

■ 81.4550, 36.7507,
-27.5860

■ 211.2210, 21.5830,
-15.9798

■ 52.4320, 38.2410,
-38.9669

■ 236.9150, 8.9159,
-13.0805

■ 34.7490, 34.1407,
-30.4749

254.1030, 0.4422,
-1.8443

■ 20.7460, 28.7192,
-18.1942

■ 9.3190, 23.0137,
-8.1728

■ 4.9360, 13.8356,

-4.3289

■ 0.7980, 3.0576,
-0.6998

■ 0.0000, 0.0000,
0.0000

■ 133.8300, 38.0448,
-22.6529

■ 133.8300, 38.0448,
-22.6529

■ 118.1590, 45.7706,
-27.3264

■ 149.5010, 30.3190,
-17.9794

■ 102.4880, 53.4964,
-32.0000

■ 165.1720, 22.5932,
-13.3058

■ 86.2300, 61.5116,
-36.1587

■ 181.4300, 14.5780,
-9.1471

■ 70.5590, 69.2374,
-40.8322

■ 197.1010, 6.8522,
-4.4736

■ 54.5890, 77.1106,
-46.1206

■ 212.7720, -0.8736,
0.2000

■ 52.8170, 77.9842,
-46.3205

■ 228.7420, -8.7468,
5.4883

■ 244.1140,
-16.3252, 9.5470

■ 249.9840,
-19.2191, 4.3990

Harmonies

Analogous

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



109.2830, 50.6395, -95.8412



133.8300, 38.0448, -22.6529



139.3860, 24.9527, 23.3405

Triad

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



133.8300, 38.0448, -22.6529



134.3650, -26.8019, 56.6849



103.6220, 6.1024, -90.8765

Complementary

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



133.8300, 38.0448, -22.6529



185.1700, -38.0448, 22.6529

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.



123.9770, -22.1737, -28.0438



133.8300, 38.0448, -22.6529



132.7740, -37.3566, 35.2782

Square

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



133.8300, 38.0448, -22.6529



135.4750, -10.0942, 64.4814



129.5270, -36.2488, 6.5538



108.8830, 23.7217, -95.4904

Rectangle

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



133.8300, 38.0448, -22.6529



139.0700, 14.2625, 45.5426



129.5270, -36.2488, 6.5538



116.5030, -6.6570, -58.3231

Sweetspot

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



133.8300, 38.0448, -22.6529



226.6150, 13.9938, -8.4324



177.4670, 4.6998, -60.9226



110.5570, 8.5994, -4.8735



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.



133.8300, 38.0448, -22.6529



142.6450, 55.3910, -33.0147



127.8150, 41.0102, 6.3012



97.0150, 3.9366, -2.6442



42.0450, 62.0958, -36.8735



10.5440, 15.0148, -9.2471

Inverse Universe

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



141.5330, -4.6998, 60.9226



153.8400, -6.8231, 88.7173



191.1850, -41.0102, -6.3012



97.6310, -0.3111, 6.4626



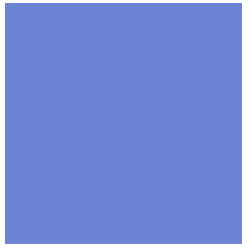
54.6780, -7.7293, 99.3834



13.3990, -1.6757, 24.2061

Previews

White Background



This preview shows how the YUV color 133.8300, 38.0448, -22.6529 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 133.8300, 38.0448, -22.6529 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

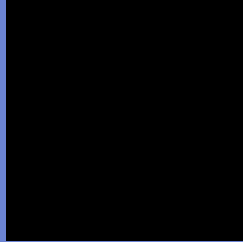
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 133.8300, 38.0448, -22.6529

Background



This preview shows how black text looks on a background with the YUV color 133.8300, 38.0448, -22.6529.

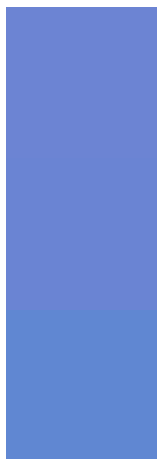


This preview shows how white text looks on a background with the YUV color 133.8300, 38.0448, -22.6529.

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

133.8300, 38.0448, -22.6529

Protanopia

133.2320, 38.3396, -23.8825

Deuteranopia

131.8890, 38.5087, -31.4747



Tritanopia

129.4070, 12.6173, -33.6829

Trichromacy



Original Color

133.8300, 38.0448, -22.6529

Protanomaly

133.5310, 38.1922, -23.2677

Deuteranomaly

132.4980, 38.2085, -28.5007

Tritanomaly

131.1330, 21.6264, -29.9346

Monochromacy



Original Color

133.8300, 38.0448, -22.6529

Achromatopsia

134.0000, 0.0000, 0.0000

Achromatomaly

133.9140, 13.8464, -7.8176

CSS Examples

Text

The CSS property to change the color of the text to YUV 133.8300, 38.0448, -22.6529 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(108, 132, 211)` looks like.

```
.text, #text, p{  
    color:rgb(108, 132, 211)  
}
```

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(108, 132, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 132, 211) }
```

Border

The CSS property to change the border of an element to YUV 133.8300, 38.0448, -22.6529 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

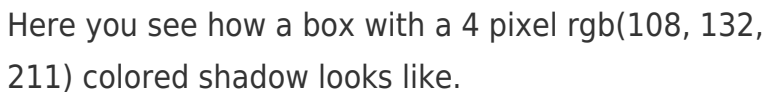
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(108, 132, 211) }
```


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

```
.border{ border-color:rgb(108, 132, 211) }
```

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



Here you see how a box with a 4 pixel `rgb(108, 132, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 132, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 132, 211);  
box-shadow:4px 4px 4px 4px rgb(108, 132,  
211) }
```

Background

The CSS property to change the background color of an element to YUV 133.8300, 38.0448, -22.6529 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 132, 211) }
```

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

```
.background{ background-color: rgb(108,  
132, 211) }
```

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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