

Converting Colors

YUV(134.0320, 34.9872,
-21.9531)

Have a look what the booklet for
YUV(134.0320, 34.9872, -21.9531)
contains.

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Color

**YUV(134.0320, 34.9872,
-21.9531)**

Conversions

Conversions Part 1

Format	Color
Hex	6D85CD
RGB	109, 133, 205
RGB Percent	43%, 52%, 80%
CMY	0.5725, 0.4784, 0.1961
CMYK	0.47, 0.35, 0.00, 0.20
HSL	225°, 49%, 62%
HSV	225°, 47%, 80%
XYZ	25.7136, 24.4340, 61.1186
YIQ	134.0320, -37.4160, 17.3040

Conversions

Conversions Part 2

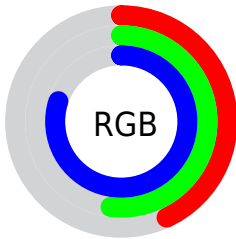
Format	Color
R _Y B	109, 128, 205
Decimal	7177677
CIE _{Lab}	56.52, 10.79, -39.95
CIE _{LCh}	57, 41.380, 285.120
Y _{xy}	24.4340, 0.2311, 0.2196
Android (android.graphics.Color)	4285367757 (0xFF6D85CD)
YUV	134.0320, 34.9872, -21.9531
Hunter-Lab	49.4308, 6.3509, -38.7074

Details

The YUV color **134.0320, 34.9872, -21.9531** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **179.9680, -34.9872, 21.9531**, and the grayscale version is **134.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **187.5870, 33.2346, -19.8088**, and **82.2550, 33.3983, -25.6566** is the 20% darker color. If you saturate the color by 10%, you get **119.2470, 42.2762, -26.5266**, and if you desaturate by 10%, it is **149.1160, 27.5508, -16.7647**.

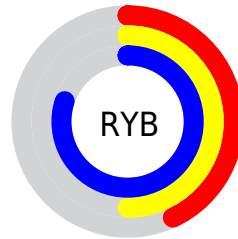
Distribution



Red (43%)

Green (52%)

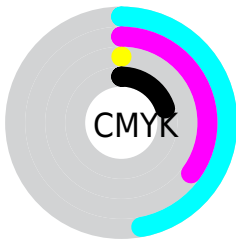
Blue (80%)



Red (43%)

Yellow (50%)

Blue (80%)

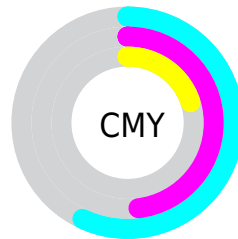


Cyan (47%)

Magenta (35%)

Yellow (0%)

Black (20%)



Cyan (57%)

Magenta (48%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 134.0320, 34.9872, -21.9531 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 134.0320, 34.9872, -21.9531 by changing the saturation by 10% instead.

■ 134.0320, 34.9872,
-21.9531

■ 134.0320, 34.9872,
-21.9531

■ 255.0000, 0.0000,
0.0000

■ 107.7930, 34.1191,
-23.4975

■ 187.5870, 33.2346,
-19.8088

■ 82.2550, 33.3983,
-25.6566

■ 212.3950, 21.0043,
-17.0094

■ 55.0260, 34.0042,
-33.3488

■ 237.5020, 8.6265,
-13.5953

■ 34.7660, 31.6674,
-30.4898

■ 254.1030, 0.4422,
-1.8443

■ 20.1760, 26.5352,
-17.6944

■ 8.1620, 21.1191,
-7.1581

■ 4.4800, 12.0884,

-3.9290

■ 0.0000, 0.0000,
0.0000

■ 134.0320, 34.9872,
-21.9531

■ 134.0320, 34.9872,
-21.9531

■ 119.2470, 42.2762,
-26.5266

■ 149.1160, 27.5508,
-16.7647

■ 103.5760, 50.0020,
-31.2002

■ 164.4880, 19.9724,
-12.7060

■ 88.4920, 57.4384,
-36.3885

■ 179.5720, 12.5360,
-7.5176

■ 73.1200, 65.0168,
-40.4472

■ 194.9440, 4.9576,
-3.4589

■ 58.0360, 72.4533,
-45.6356

■ 210.0280, -2.4788,
1.7294

■ 53.3070, 74.7846,
-46.7502

■ 224.8130, -9.7678,
6.3030

■ 240.4840,
-17.4936, 10.9765

■ 249.3000,
-21.8399, 4.9989

Harmonies

Analogous

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



107.8980, 47.8713, -94.6265



134.0320, 34.9872, -21.9531



139.6090, 23.3638, 19.6369

Triad

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



134.0320, 34.9872, -21.9531



135.0270, -24.1703, 52.5963



115.2940, 0.3481, -65.1558

Complementary

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



134.0320, 34.9872, -21.9531



179.9680, -34.9872, 21.9531

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.



125.9390, -21.1689, -23.6255



134.0320, 34.9872, -21.9531



133.3870, -33.7148, 33.8636

Square

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



134.0320, 34.9872, -21.9531



136.7840, -8.7675, 58.9484



130.3360, -33.1966, 7.5983



107.8400, 22.2639, -94.5757

Rectangle

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



134.0320, 34.9872, -21.9531



139.5100, 13.5526, 39.8947



130.3360, -33.1966, 7.5983



120.5150, -8.1419, -48.6867

Sweetspot

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



134.0320, 34.9872, -21.9531



228.3870, 13.1202, -8.2324



173.5600, 3.6679, -56.6191



111.4430, 8.1626, -4.7735



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.



134.0320, 34.9872, -21.9531



149.4340, 52.0440, -32.8296



127.1200, 38.3948, 5.1568



94.3140, 3.7892, -2.0294



42.9910, 60.6434, -37.7031



10.2020, 13.7044, -8.9472

Inverse Universe

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



140.4400, -3.6679, 56.6191



158.8610, -5.3545, 84.3139



186.8800, -38.3948, -5.1568



95.2180, -0.6005, 5.9478



54.3080, -6.5608, 97.9539



12.5020, -1.2335, 22.3617

Previews

White Background



This preview shows how the YUV color 134.0320, 34.9872, -21.9531 looks on a white background.

Color Contrast Check

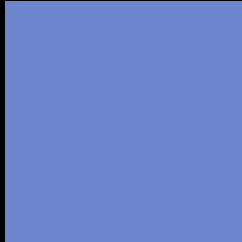
Large Text (above 18pt) WCAG AA ✓ Pass

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 134.0320, 34.9872, -21.9531 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

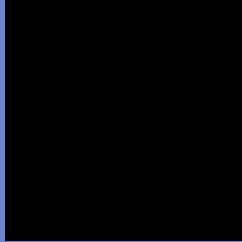
Any Text WCAG AA ✓ Pass

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 134.0320, 34.9872, -21.9531 Background



This preview shows how black text looks on a background with the YUV color 134.0320, 34.9872, -21.9531.



This preview shows how white text looks on a background with the YUV color 134.0320, 34.9872, -21.9531.

-21.9531.

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

134.0320, 34.9872, -21.9531

Protanopia

134.3310, 34.8398, -21.3383

Deuteranopia

133.1130, 35.4403, -27.2861



Tritanopia

129.7170, 12.4645, -31.3238

Trichromacy



Original Color

134.0320, 34.9872, -21.9531

Protanomaly

134.3310, 34.8398, -21.3383

Deuteranomaly

133.4230, 35.2875, -24.9270

Tritanomaly

130.9160, 20.7474, -27.9903

Monochromacy



Original Color

134.0320, 34.9872, -21.9531

Achromatopsia

134.0000, 0.0000, 0.0000

Achromatomaly

134.2730, 12.6834, -8.1324

CSS Examples

Text

The CSS property to change the color of the text to YUV 134.0320, 34.9872, -21.9531 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(109, 133, 205)` looks like.

```
.text, #text, p{  
    color:rgb(109, 133, 205)  
}
```

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(109, 133, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 133, 205) }
```

Border

The CSS property to change the border of an element to YUV 134.0320, 34.9872, -21.9531 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(109, 133, 205) }
```


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

```
.border{ border-color:rgb(109, 133, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 133, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 133, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 133, 205);  
box-shadow:4px 4px 4px 4px rgb(109, 133,  
205) }
```

Background

The CSS property to change the background color of an element to YUV 134.0320, 34.9872, -21.9531 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 133, 205) }
```

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

```
.background{ background-color: rgb(109,  
133, 205) }
```

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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