

Converting Colors

YUV(165.3490, 44.1979,
-36.2631)

Have a look what the booklet for
YUV(165.3490, 44.1979, -36.2631)
contains.

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Color

**YUV(165.3490, 44.1979,
-36.2631)**

Conversions

Conversions Part 1

Format	Color
Hex	7CA9FF
RGB	124, 169, 255
RGB Percent	49%, 66%, 100%
CMY	0.5137, 0.3373, 0.0000
CMYK	0.51, 0.34, 0.00, 0.00
HSL	219°, 100%, 74%
HSV	219°, 51%, 100%
XYZ	40.5501, 39.8810, 100.1683
YIQ	165.3490, -54.4260, 17.2060

Conversions

Conversions Part 2

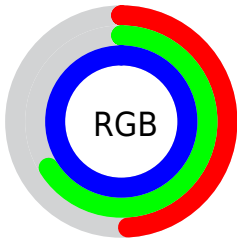
Format	Color
RYB	124, 157, 255
Decimal	8169983
CIELab	69.38, 8.37, -47.30
CIElCh	69, 48.034, 280.031
Yxy	39.8810, 0.2245, 0.2208
Android (android.graphics.Color)	4286360063 (0xFF7CA9FF)
YUV	165.3490, 44.1979, -36.2631
Hunter-Lab	63.1514, 4.1016, -49.8375

Details

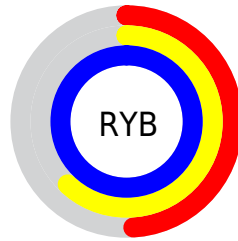
The YUV color **165.3490, 44.1979, -36.2631** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **213.6510, -44.1979, 36.2631**, and the grayscale version is **165.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **215.2750, 19.5844, -28.3052**, and **109.7890, 43.4880, -41.9110** is the 20% darker color. If you saturate the color by 10%, you get **147.8950, 52.8028, -42.8809**, and if you desaturate by 10%, it is **183.1020, 35.4457, -29.0305**.

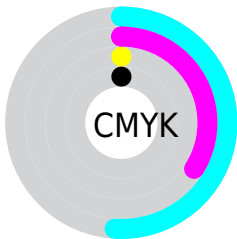
Distribution



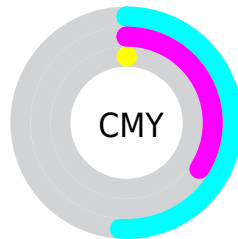
- Red (49%)
- Green (66%)
- Blue (100%)



- Red (49%)
- Yellow (62%)
- Blue (100%)



- Cyan (51%)
- Magenta (34%)
- Yellow (0%)
- Black (0%)



- Cyan (51%)
- Magenta (34%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 165.3490, 44.1979, -36.2631 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 165.3490, 44.1979, -36.2631 by changing the saturation by 10% instead.

■ 165.3490, 44.1979,
-36.2631

■ 165.3490, 44.1979,
-36.2631

255.0000, 0.0000,
0.0000

■ 137.8110, 43.4772,
-38.4222

■ 215.2750, 19.5844,
-28.3052

■ 109.7890, 43.4880,
-41.9110

■ 240.3820, 7.2067,
-24.8910

■ 79.9510, 44.3942,
-52.5770

■ 251.1130, 1.9163,
-7.9921

■ 57.3920, 42.2047,
-50.3328

■ 41.5140, 37.2146,
-36.4078

■ 26.9240, 32.0825,
-23.6123

■ 9.5130, 28.8341,

-8.3429

■ 6.8910, 18.7877,
-6.0434

■ 3.2090, 9.7570,
-2.8143

■ 165.3490, 44.1979,
-36.2631

■ 165.3490, 44.1979,
-36.2631

■ 147.8950, 52.8028,
-42.8809

■ 183.1020, 35.4457,
-29.0305

■ 130.7290, 61.2656,
-50.6283

■ 199.9690, 27.1303,
-21.8978

■ 113.2750, 69.8704,
-57.2462

■ 217.7220, 18.3781,
-14.6652

■ 95.5220, 78.6227,
-64.4788

■ 235.1760, 9.7732,
-8.0474

■ 80.7260, 85.9171,
-70.7967

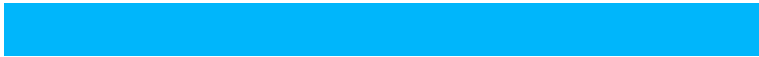
■ 252.9290, 1.0210,
-0.8147

255.0000, 0.0000,
0.0000

Harmonies

Analogous

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



135.4480, 56.9671, -118.7879



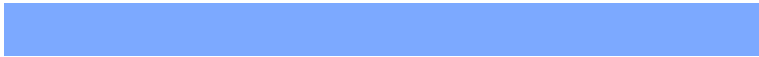
165.3490, 44.1979, -36.2631



173.5360, 30.7948, 16.1929

Triad

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



165.3490, 44.1979, -36.2631



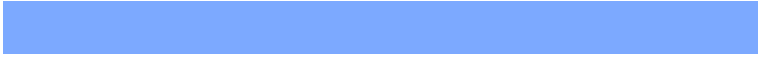
169.2460, -26.2503, 66.4363



148.7900, -5.3195, -67.3448

Complementary

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



165.3490, 44.1979, -36.2631



213.6510, -44.1979, 36.2631

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.



158.8870, -29.0313, -21.8259



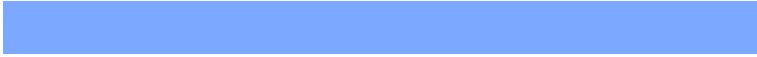
165.3490, 44.1979, -36.2631



167.8570, -39.8625, 45.7294

Square

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



165.3490, 44.1979, -36.2631



171.2030, -7.4951, 70.8590



164.6160, -41.2227, 15.2458



133.5660, 24.3710, -117.1374

Rectangle

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



165.3490, 44.1979, -36.2631



174.4270, 19.5095, 42.5985



164.6160, -41.2227, 15.2458



153.1960, -14.3936, -50.1609

Sweetspot

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



165.3490, 44.1979, -36.2631



228.9630, 12.8362, -10.4916



210.5870, -0.7824, -75.9368



111.7310, 8.0206, -5.9031



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.



165.3490, 44.1979, -36.2631



146.7100, 53.3870, -43.5957



144.9140, 54.2724, -0.8016



118.8300, 4.5208, -3.3589



60.5160, 64.3286, -53.0725



20.2100, 21.5885, -17.7242

Inverse Universe

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



168.2990, 0.3456, 76.0368



150.3980, 0.2968, 91.7360



234.0860, -54.2724, 0.8016



119.3430, -0.1691, 7.5922



64.6330, 0.6739, 110.8239



21.6440, 0.1755, 37.1462

Previews

White Background



This preview shows how the YUV color 165.3490, 44.1979, -36.2631 looks on a white background.

Color Contrast Check

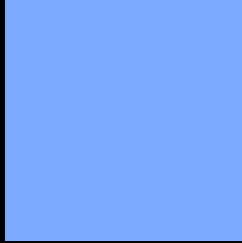
Large Text (above 18pt) WCAG AA × Fail

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 165.3490, 44.1979, -36.2631 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

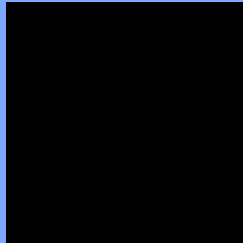
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

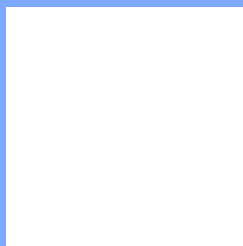
Any Text WCAG AAA ✓ Pass

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

YUV 165.3490, 44.1979, -36.2631 Background



This preview shows how black text looks on a background with the YUV color 165.3490, 44.1979, -36.2631.



This preview shows how white text looks on a background with the YUV color 165.3490, 44.1979, -36.2631.

-36.2631.

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

165.3490, 44.1979, -36.2631

Protanopia

167.7310, 41.5446, -25.1971

Deuteranopia

165.9580, 43.8977, -33.2892



Tritanopia

159.5730, 17.4655, -48.7375

Trichromacy



Original Color

165.3490, 44.1979, -36.2631

Protanomaly

166.9370, 42.4291, -28.8857

Deuteranomaly

165.6590, 44.0451, -33.9039

Tritanomaly

161.8260, 27.2008, -44.5744

Monochromacy



Original Color

165.3490, 44.1979, -36.2631

Achromatopsia

165.0000, 0.0000, 0.0000

Achromatomaly

164.8640, 16.3360, -13.0357

CSS Examples

Text

The CSS property to change the color of the text to YUV 165.3490, 44.1979, -36.2631 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(124, 169, 255)` looks like.

```
.text, #text, p{  
    color:rgb(124, 169, 255)  
}
```

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(124, 169, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 169, 255) }
```

Border

The CSS property to change the border of an element to YUV 165.3490, 44.1979, -36.2631 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(124, 169, 255) }
```


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

```
.border{ border-color:rgb(124, 169, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 169, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 169, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 169, 255);  
box-shadow:4px 4px 4px 4px rgb(124, 169,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 165.3490, 44.1979, -36.2631 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 169, 255) }
```

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

```
.background{ background-color: rgb(124,  
169, 255) }
```

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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