

Converting Colors

YUV(165.8770, 43.4446,
-27.9561)

Have a look what the booklet for
YUV(165.8770, 43.4446, -27.9561)
contains.

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Color

**YUV(165.8770, 43.4446,
-27.9561)**

Conversions

Conversions Part 1

Format	Color
Hex	86A5FE
RGB	134, 165, 254
RGB Percent	53%, 65%, 100%
CMY	0.4745, 0.3529, 0.0039
CMYK	0.47, 0.35, 0.00, 0.00
HSL	224°, 98%, 76%
HSV	224°, 47%, 100%
XYZ	41.1760, 39.1344, 99.1494
YIQ	165.8770, -47.0450, 21.1070

Conversions

Conversions Part 2

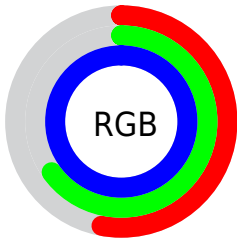
Format	Color
RYB	134, 159, 254
Decimal	8824318
CIELab	68.85, 12.60, -47.56
CIELCh	69, 49.205, 284.843
Yxy	39.1344, 0.2294, 0.2181
Android (android.graphics.Color)	4287014398 (0xFF86A5FE)
YUV	165.8770, 43.4446, -27.9561
Hunter-Lab	62.5575, 8.0152, -50.1805

Details

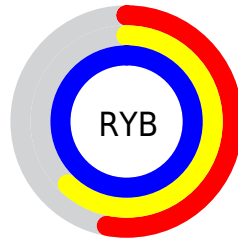
The YUV color **165.8770, 43.4446, -27.9561** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **222.1230, -43.4446, 27.9561**, and the grayscale version is **165.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **215.6180, 19.4153, -20.7130**, and **111.8010, 42.0031, -32.2745** is the 20% darker color. If you saturate the color by 10%, you get **147.2490, 52.6282, -33.5444**, and if you desaturate by 10%, it is **184.5050, 34.2610, -22.3679**.

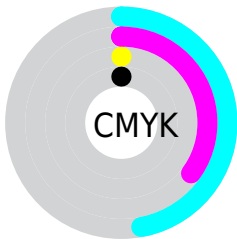
Distribution



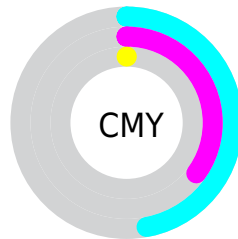
- Red (53%)
- Green (65%)
- Blue (100%)



- Red (53%)
- Yellow (62%)
- Blue (100%)



- Cyan (47%)
- Magenta (35%)
- Yellow (0%)
- Black (0%)



- Cyan (47%)
- Magenta (35%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 165.8770, 43.4446, -27.9561 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 165.8770, 43.4446, -27.9561 by changing the saturation by 10% instead.

■ 165.8770, 43.4446,
-27.9561

■ 165.8770, 43.4446,
-27.9561

255.0000, 0.0000,
0.0000

■ 138.6380, 42.5765,
-29.5005

■ 215.6180, 19.4153,
-20.7130

■ 111.8010, 42.0031,
-32.2745

■ 240.7250, 7.0376,
-17.2988

■ 84.0670, 41.8720,
-36.8928

■ 253.8040, 0.5896,
-2.4591

■ 54.9300, 42.9255,
-48.1736

■ 39.6390, 37.6460,
-34.7634

■ 25.0490, 32.5138,
-21.9680

■ 8.2250, 28.9761,

-7.2133

■ 6.7770, 18.3509,
-5.9434

■ 3.0950, 9.3202,
-2.7143

■ 165.8770, 43.4446,
-27.9561

■ 165.8770, 43.4446,
-27.9561

■ 147.2490, 52.6282,
-33.5444

■ 184.5050, 34.2610,
-22.3679

■ 128.3220, 61.9593,
-39.7474

■ 203.4320, 24.9300,
-16.1649

■ 109.6940, 71.1429,
-45.3356

■ 222.0600, 15.7464,
-10.5766

■ 91.3540, 80.1845,
-52.0535

■ 240.4000, 6.7048,
-3.8588

■ 72.7260, 89.3681,
-57.6417

254.8860, -0.4368,
0.1000

■ 67.6980, 91.8469,
-59.3711

Harmonies

Analogous

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



133.9150, 58.7089, -117.4435



165.8770, 43.4446, -27.9561



173.0100, 28.5891, 23.6702

Triad

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



165.8770, 43.4446, -27.9561



167.3230, -29.7392, 65.4917



142.1950, 0.3969, -80.8550

Complementary

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



165.8770, 43.4446, -27.9561



222.1230, -43.4446, 27.9561

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.



155.9400, -26.0994, -28.8884



165.8770, 43.4446, -27.9561



165.9660, -41.8882, 42.1258

Square

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



165.8770, 43.4446, -27.9561



169.0030, -10.8475, 72.7884



161.6970, -40.7696, 9.9127



133.6630, 27.2811, -117.2225

Rectangle

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



165.8770, 43.4446, -27.9561



172.4880, 17.0144, 49.5610



161.6970, -40.7696, 9.9127



148.9820, -9.8511, -60.4972

Sweetspot

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



165.8770, 43.4446, -27.9561



228.9740, 12.8308, -8.7472



214.4720, 3.7113, -70.5739



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.



165.8770, 43.4446, -27.9561



148.2490, 52.6282, -33.5444



156.0520, 48.2884, 5.2164



118.2430, 4.8102, -2.8441



50.5370, 69.2483, -44.3209



16.6880, 23.3248, -14.6354

Inverse Universe

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



173.4140, -4.1481, 70.6739



157.5730, -5.2125, 85.4435



231.9480, -48.2884, -5.2164



119.2290, -0.6059, 7.6922



62.6950, -6.7516, 112.5235



20.9600, -2.4453, 37.7461

Previews

White Background



This preview shows how the YUV color 165.8770, 43.4446, -27.9561 looks on a white background.

Color Contrast Check

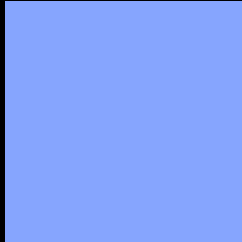
Large Text (above 18pt) WCAG AA × Fail

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 165.8770, 43.4446, -27.9561 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 165.8770, 43.4446, -27.9561 Background



This preview shows how black text looks on a background with the YUV color 165.8770, 43.4446, -27.9561.



This preview shows how white text looks on a background with the YUV color 165.8770, 43.4446, -27.9561.

-27.9561.

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

165.8770, 43.4446, -27.9561

Protanopia

166.4750, 43.1498, -26.7266

Deuteranopia

164.9580, 43.8977, -33.2892



Tritanopia

161.0580, 15.2544, -39.5159

Trichromacy



Original Color

165.8770, 43.4446, -27.9561

Protanomaly

166.1760, 43.2972, -27.3414

Deuteranomaly

165.2680, 43.7449, -30.9300

Tritanomaly

162.8380, 25.7159, -34.9379

Monochromacy



Original Color

165.8770, 43.4446, -27.9561

Achromatopsia

166.0000, 0.0000, 0.0000

Achromatomaly

166.0600, 15.7464, -10.5766

CSS Examples

Text

The CSS property to change the color of the text to YUV 165.8770, 43.4446, -27.9561 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(134, 165, 254)` looks like.

```
.text, #text, p{  
    color:rgb(134, 165, 254)  
}
```

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(134, 165, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 165, 254) }
```

Border

The CSS property to change the border of an element to YUV 165.8770, 43.4446, -27.9561 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(134, 165, 254) }
```


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

```
.border{ border-color:rgb(134, 165, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 165, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 165, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 165, 254);  
box-shadow:4px 4px 4px 4px rgb(134, 165,  
254) }
```

Background

The CSS property to change the background color of an element to YUV 165.8770, 43.4446, -27.9561 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 165, 254) }
```

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

```
.background{ background-color: rgb(134,  
165, 254) }
```

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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