

# Converting Colors

YUV(134.8170, 44.4602,  
-27.0265)

Have a look what the booklet for  
YUV(134.8170, 44.4602, -27.0265)  
contains.

<b>YUV(134.8170, 44.4602, -27.0265)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(134.8170, 44.4602,  
-27.0265)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6885E1
RGB	104, 133, 225
RGB Percent	41%, 52%, 88%
CMY	0.5922, 0.4784, 0.1176
CMYK	0.54, 0.41, 0.00, 0.12
HSL	226°, 67%, 65%
HSV	226°, 54%, 88%
XYZ	27.6871, 25.1544, 74.6302
YIQ	134.8170, -46.8160, 22.4640

# Conversions

## Conversions Part 2

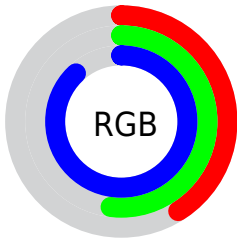
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">104, 127, 225</a>
Decimal	<a href="#">6850017</a>
CIELab	<a href="#">57.23, 15.82, -50.09</a>
CIELCh	<a href="#">57, 52.527, 287.530</a>
Yxy	<a href="#">25.1544, 0.2172, 0.1973</a>
Android (android.graphics.Color)	<a href="#">4285040097 (0xFF6885E1)</a>
YUV	<a href="#">134.8170, 44.4602, -27.0265</a>
Hunter-Lab	<a href="#">50.1541, 10.7693, -53.1166</a>

# Details

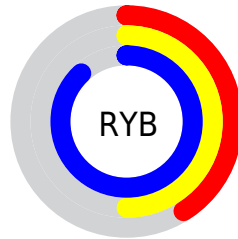
The YUV color **134.8170, 44.4602, -27.0265** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **194.1830, -44.4602, 27.0265**, and the grayscale version is **134.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **186.6900, 33.6768, -21.6531**, and **80.5340, 43.6137, -35.5483** is the 20% darker color. If you saturate the color by 10%, you get **118.2600, 52.6228, -31.8000**, and if you desaturate by 10%, it is **151.3740, 36.2976, -22.2530**.

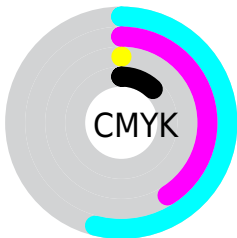
# Distribution



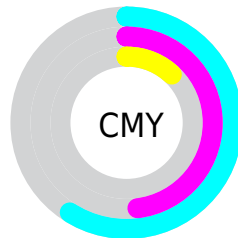
- Red (41%)
- Green (52%)
- Blue (88%)



- Red (41%)
- Yellow (50%)
- Blue (88%)



- Cyan (54%)
- Magenta (41%)
- Yellow (0%)
- Black (12%)



- Cyan (59%)
- Magenta (48%)
- Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 134.8170, 44.4602, -27.0265 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 134.8170, 44.4602, -27.0265 by changing the saturation by 10% instead.



■ 134.8170, 44.4602,  
-27.0265

■ 134.8170, 44.4602,  
-27.0265

■ 255.0000, 0.0000,  
0.0000

■ 107.9800, 43.8869,  
-29.8005

■ 186.6900, 33.6768,  
-21.6531

■ 80.5340, 43.6137,  
-35.5483

■ 211.2100, 21.5885,  
-17.7242

■ 51.9950, 44.3725,  
-45.5996

■ 237.2030, 8.7739,  
-14.2100

■ 36.7040, 39.0929,  
-32.1894

■ 253.8040, 0.5896,  
-2.4591

■ 22.7010, 33.6714,  
-19.9088

■ 9.9860, 28.1079,  
-8.7577

■ 6.7770, 18.3509,

-5.9434

■ 3.0950, 9.3202,  
-2.7143

■ 0.0000, 0.0000,  
0.0000

■ 134.8170, 44.4602,  
-27.0265

■ 134.8170, 44.4602,  
-27.0265

■ 118.2600, 52.6228,  
-31.8000

■ 151.3740, 36.2976,  
-22.2530

■ 101.4040, 60.9328,  
-37.1883

■ 168.2300, 27.9876,  
-16.8647

■ 84.8470, 69.0954,  
-41.9618

■ 185.0860, 19.6776,  
-11.4764

■ 67.9910, 77.4054,  
-47.3501

■ 201.6430, 11.5150,  
-6.7029

■ 57.3480, 82.6524,  
-50.2942

■ 219.0860, 2.9156,  
-1.8294

■ 235.6430, -5.2470,  
2.9441

■ 250.4060,  
-12.5252, 4.0289

■ 251.5800,  
-13.1039, 2.9993

# Harmonies

## Analogous

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



112.7540, 56.3233, -98.8853



134.8170, 44.4602, -27.0265



141.7440, 28.7202, 28.2885

# Triad

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



134.8170, 44.4602, -27.0265



135.1550, -31.6284, 64.7621



106.5570, 4.6554, -93.4505

# Complementary

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



134.8170, 44.4602, -27.0265



194.1830, -44.4602, 27.0265

# 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.



122.8360, -25.0621, -34.9362



134.8170, 44.4602, -27.0265



133.2600, -44.4982, 39.2370

# Square

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



134.8170, 44.4602, -27.0265



136.0850, -11.8739, 75.3475



129.5070, -42.6480, 5.6944



112.6160, 25.3323, -98.7642



# Rectangle

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



134.8170, 44.4602, -27.0265



139.9940, 16.2720, 54.3793



129.5070, -42.6480, 5.6944



105.1680, -2.0548, -87.8473

# Sweetspot

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



134.8170, 44.4602, -27.0265



224.5440, 15.0148, -9.2471



185.4010, 4.7323, -71.3887



109.3720, 9.1836, -5.5882



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.



134.8170, 44.4602, -27.0265



131.4040, 60.9328, -37.1883



126.7640, 48.4303, 6.3460



104.0150, 3.9366, -2.6442



44.7180, 64.7220, -39.2177



12.5160, 17.4936, -10.9765



# Inverse Universe

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



143.4850, -5.1691, 71.4887



143.1940, -6.9976, 98.0539



202.2360, -48.4303, -6.3460



104.6310, -0.3111, 6.4626



57.4120, -7.5981, 104.0017



15.7200, -1.8340, 28.3096



# Previews

## White Background



This preview shows how the YUV color 134.8170, 44.4602, -27.0265 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

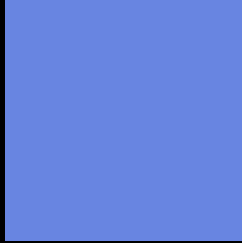
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 134.8170, 44.4602, -27.0265 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

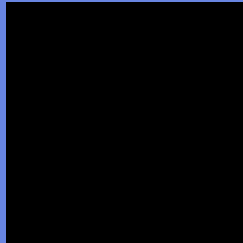
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 134.8170, 44.4602, -27.0265

## Background



This preview shows how black text looks on a background with the YUV color 134.8170, 44.4602, -27.0265.



This preview shows how white text looks on a background with the YUV color 134.8170, 44.4602, -27.0265.



# 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

134.8170, 44.4602, -27.0265

### Protanopia

134.3220, 45.1973, -30.1004

### Deuteranopia

131.0600, 45.8194, -43.0256



## Tritanopia

128.6340, 14.9704, -41.7750

# Trichromacy



## Original Color

134.8170, 44.4602, -27.0265

## Protanomaly

134.6210, 45.0498, -29.4856

## Deuteranomaly

132.2780, 45.2189, -37.0778

## Tritanomaly

130.8270, 25.7213, -36.6823

# Monochromacy



## Original Color

134.8170, 44.4602, -27.0265

## Achromatopsia

135.0000, 0.0000, 0.0000

## Achromatomaly

134.8860, 16.3252, -9.5470

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 134.8170, 44.4602, -27.0265 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(104, 133, 225)` looks like.

```
.text, #text, p{  
    color:rgb(104, 133, 225)  
}
```

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(104, 133, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 133, 225) }
```

## Border

The CSS property to change the border of an element to YUV 134.8170, 44.4602, -27.0265 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(104, 133, 225) }
```



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

```
.border{ border-color:rgb(104, 133, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 133, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 133, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 133, 225);  
box-shadow:4px 4px 4px 4px rgb(104, 133,  
225) }
```

# Background

The CSS property to change the background color of an element to YUV 134.8170, 44.4602, -27.0265 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 133, 225) }
```

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

```
.background{ background-color: rgb(104,  
133, 225) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor