

# Converting Colors

YUV(170.0870, 31.5091,  
-26.3863)

Have a look what the booklet for  
YUV(170.0870, 31.5091, -26.3863)  
contains.

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# Color

**YUV(170.0870, 31.5091,  
-26.3863)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8CADEA
RGB	140, 173, 234
RGB Percent	55%, 68%, 92%
CMY	0.4510, 0.3216, 0.0824
CMYK	0.40, 0.26, 0.00, 0.08
HSL	219°, 69%, 73%
HSV	219°, 40%, 92%
XYZ	40.6101, 41.4031, 83.6931
YIQ	170.0870, -39.2490, 11.9750

# Conversions

## Conversions Part 2

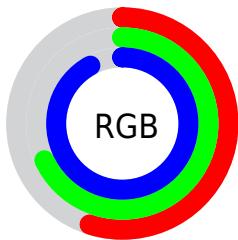
Format	Color
R <sub>YB</sub>	140, 164, 234
Decimal	9219562
CIE Lab	70.46, 3.93, -34.14
CIE LCh	70, 34.367, 276.564
Yxy	41.4031, 0.2451, 0.2499
Android (android.graphics.Color)	4287409642 (0xFF8CADEA)
YUV	170.0870, 31.5091, -26.3863
Hunter-Lab	64.3452, 0.0521, -32.0762

# Details

The YUV color **170.0870, 31.5091, -26.3863** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **203.9130, -31.5091, 26.3863**, and the grayscale version is **170.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **221.5100, 16.5106, -22.3723**, and **116.7340, 30.2041, -27.8307** is the 20% darker color. If you saturate the color by 10%, you get **154.4050, 39.2403, -32.8042**, and if you desaturate by 10%, it is **185.7690, 23.7779, -19.9684**.

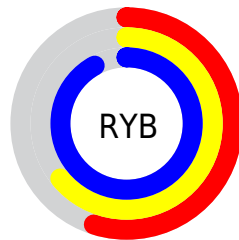
# Distribution



Red (55%)

Green (68%)

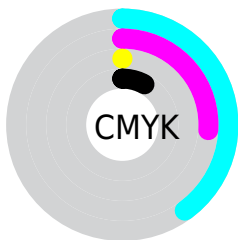
Blue (92%)



Red (55%)

Yellow (64%)

Blue (92%)

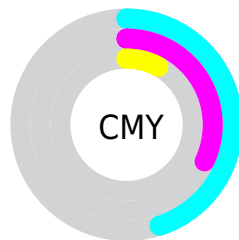


Cyan (40%)

Magenta (26%)

Yellow (0%)

Black (8%)



Cyan (45%)

Magenta (32%)

Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 170.0870, 31.5091, -26.3863 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 170.0870, 31.5091, -26.3863 by changing the saturation by 10% instead.



■ 170.0870, 31.5091,  
-26.3863

■ 170.0870, 31.5091,  
-26.3863

255.0000, 0.0000,  
0.0000

■ 143.2610, 30.9303,  
-27.4159

■ 221.5100, 16.5106,  
-22.3723

■ 116.7340, 30.2041,  
-27.8307

■ 246.0300, 4.4222,  
-18.4433

■ 90.6090, 29.7728,  
-29.4751

■ 64.5760, 29.7890,  
-34.7082

■ 41.3370, 28.9209,  
-36.2525

■ 26.1600, 24.0781,  
-22.9423

■ 7.8030, 22.2821,

-6.8432

■ 4.7080, 12.9620,  
-4.1289

■ 0.1140, 0.4368,  
-0.1000

■ 170.0870, 31.5091,  
-26.3863

■ 170.0870, 31.5091,  
-26.3863

■ 154.4050, 39.2403,  
-32.8042

■ 185.7690, 23.7779,  
-19.9684

■ 138.4240, 47.1190,  
-39.8368

■ 201.7500, 15.8993,  
-12.9358

■ 122.1550, 55.1396,  
-45.7399

■ 218.0190, 7.8786,  
-7.0327

■ 106.1740, 63.0182,  
-52.7726

■ 234.0000, 0.0000,  
0.0000

■ 90.4920, 70.7494,  
-59.1905

■ 249.0840, -7.4364,  
5.1883

■ 74.8100, 78.4807,  
-65.6084

■ 252.6060, -9.1728,  
2.0995

# Harmonies

## Analogous

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



160.1490, 33.9435, -60.6437



170.0870, 31.5091, -26.3863



175.8310, 23.2543, 8.0412

# Triad

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



170.0870, 31.5091, -26.3863



173.9110, -18.1971, 50.0671



161.0970, -7.4428, -39.5501

# Complementary

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



170.0870, 31.5091, -26.3863



203.9130, -31.5091, 26.3863

# 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.



166.3750, -22.3699, -11.7299



170.0870, 31.5091, -26.3863



172.3040, -27.7579, 36.5674

# Square

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



170.0870, 31.5091, -26.3863



175.4670, -4.6672, 50.4564



170.0040, -29.5820, 14.9055



154.5570, 11.5574, -67.1405



# Rectangle

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



170.0870, 31.5091, -26.3863



177.0740, 14.7535, 27.9991



170.0040, -29.5820, 14.9055



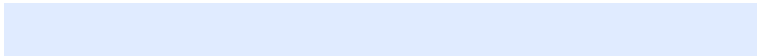
163.0720, -12.8535, -30.7581

# Sweetspot

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



170.0870, 31.5091, -26.3863



233.9910, 10.3574, -8.7621



202.0180, -0.9949, -54.3898



115.5740, 6.1260, -4.8884



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.



170.0870, 31.5091, -26.3863



172.1490, 40.8455, -34.3337



154.6030, 39.1427, -1.4058



109.6020, 3.6472, -3.1590



58.2020, 60.5394, -51.0432



17.3090, 18.0887, -15.1800



# Inverse Universe

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



171.8680, 0.5581, 54.4898



174.3800, 0.7987, 70.7037



219.3970, -39.1427, 1.4058



109.7450, 0.1257, 6.3626



61.4150, 1.2744, 104.8760

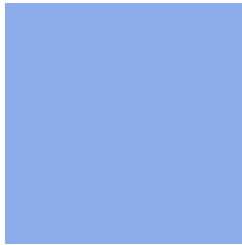


18.3120, 0.3392, 31.2984



# Previews

## White Background



This preview shows how the YUV color 170.0870, 31.5091, -26.3863 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

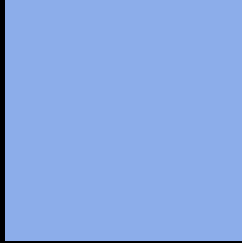
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 170.0870, 31.5091, -26.3863 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

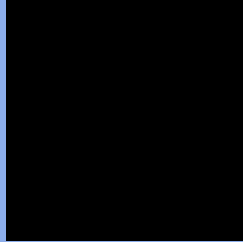
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 170.0870, 31.5091, -26.3863

## Background



This preview shows how black text looks on a background with the YUV color 170.0870, 31.5091, -26.3863.



This preview shows how white text looks on a background with the YUV color 170.0870, 31.5091, -26.3863.

-26.3863.

# 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

170.0870, 31.5091, -26.3863

### Protanopia

172.1700, 29.0032, -15.9351

### Deuteranopia

172.3270, 30.8978, -16.9498



## Tritanopia

166.7600, 13.9223, -32.2385

# Trichromacy



## Original Color

170.0870, 31.5091, -26.3863

## Protanomaly

171.3760, 29.8876, -19.6238

## Deuteranomaly

171.4190, 31.3454, -20.5385

## Tritanomaly

167.7910, 20.3160, -29.6347

# Monochromacy



## Original Color

170.0870, 31.5091, -26.3863

## Achromatopsia

170.0000, 0.0000, 0.0000

## Achromatomaly

169.9200, 11.3784, -9.5768

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 170.0870, 31.5091, -26.3863 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(140, 173, 234)` looks like.

```
.text, #text, p{  
    color:rgb(140, 173, 234)  
}
```

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(140, 173, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 173, 234) }
```

## Border

The CSS property to change the border of an element to YUV 170.0870, 31.5091, -26.3863 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(140, 173, 234) }
```



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

```
.border{ border-color:rgb(140, 173, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 173, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 173, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 173, 234);  
box-shadow:4px 4px 4px 4px rgb(140, 173,  
234) }
```

# Background

The CSS property to change the background color of an element to YUV 170.0870, 31.5091, -26.3863 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 173, 234) }
```

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

```
.background{ background-color: rgb(140,  
173, 234) }
```

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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