

Converting Colors

YUV(136.4790, 33.7809,
-8.3131)

Have a look what the booklet for
YUV(136.4790, 33.7809, -8.3131)
contains.

YUV(136.4790, 33.7809, -8.3131)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(136.4790, 33.7809,
-8.3131)**

Conversions

Conversions Part 1

Format	Color
Hex	7F80CD
RGB	127, 128, 205
RGB Percent	50%, 50%, 80%
CMY	0.5020, 0.4980, 0.1961
CMYK	0.38, 0.38, 0.00, 0.20
HSL	239°, 44%, 65%
HSV	239°, 38%, 80%
XYZ	27.4910, 24.3581, 61.0103
YIQ	136.4790, -25.3130, 23.7350

Conversions

Conversions Part 2

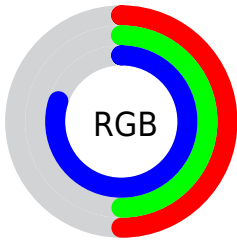
Format	Color
R _Y B	127, 128, 205
Decimal	8356045
CIE Lab	56.44, 18.40, -39.98
CIE LCh	56, 44.011, 294.718
Yxy	24.3581, 0.2436, 0.2158
Android (android.graphics.Color)	4286546125 (0xFF7F80CD)
YUV	136.4790, 33.7809, -8.3131
Hunter-Lab	49.3540, 13.0581, -38.7452

Details

The YUV color **136.4790, 33.7809, -8.3131** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **195.5210, -33.7809, 8.3131**, and the grayscale version is **136.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **189.7350, 32.1756, -6.7836**, and **85.3000, 31.8971, -10.7871** is the 20% darker color. If you saturate the color by 10%, you get **118.7590, 42.5168, -10.3126**, and if you desaturate by 10%, it is **154.4980, 24.8975, -5.6987**.

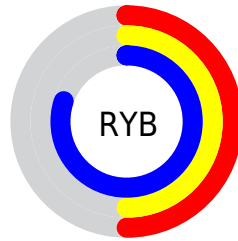
Distribution



Red (50%)

Green (50%)

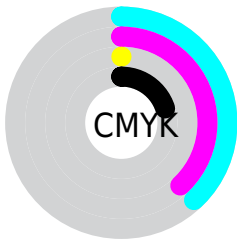
Blue (80%)



Red (50%)

Yellow (50%)

Blue (80%)

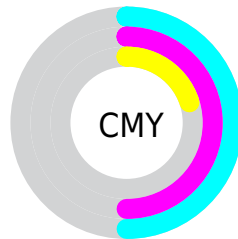


Cyan (38%)

Magenta (38%)

Yellow (0%)

Black (20%)



Cyan (50%)

Magenta (50%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 136.4790, 33.7809, -8.3131 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 136.4790, 33.7809, -8.3131 by changing the saturation by 10% instead.

■ 136.4790, 33.7809,
-8.3131

■ 136.4790, 33.7809,
-8.3131

■ 255.0000, 0.0000,
0.0000

■ 110.5390, 32.7653,
-9.2427

■ 189.7350, 32.1756,
-6.7836

■ 85.3000, 31.8971,
-10.7871

■ 214.2550, 20.0873,
-2.8546

■ 60.7620, 31.1763,
-12.9463

■ 239.3620, 7.7095,
0.5595

■ 35.7180, 31.1980,
-19.9237

■ 17.2410, 27.9822,
-15.1204

■ 6.9880, 21.6979,
-6.1285

■ 4.4800, 12.0884,

-3.9290

■ 0.0000, 0.0000,
0.0000

■ 136.4790, 33.7809,
-8.3131

■ 136.4790, 33.7809,
-8.3131

■ 118.7590, 42.5168,
-10.3126

■ 154.4980, 24.8975,
-5.6987

■ 100.7400, 51.4002,
-12.9270

■ 172.2180, 16.1615,
-3.6992

■ 82.4330, 60.4255,
-14.4117

■ 190.8240, 6.9888,
-1.5996

■ 64.4140, 69.3089,
-17.0261

■ 208.5440, -1.7472,
0.3999

■ 46.6940, 78.0449,
-19.0256

■ 226.5630,
-10.6306, 3.0142

■ 28.6750, 86.9282,
-21.6400

■ 244.2830,
-19.3665, 5.0138

■ 25.1310, 88.6754,
-22.0399

■ 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.



118.7810, 45.4640, -69.0909



136.4790, 33.7809, -8.3131



139.4750, 19.9788, 32.0324

Triad

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



136.4790, 33.7809, -8.3131



134.5230, -29.8378, 50.4073



104.8760, 10.9071, -91.9763

Complementary

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



136.4790, 33.7809, -8.3131



195.5210, -33.7809, 8.3131

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.



121.8170, -16.1788, -37.5505



136.4790, 33.7809, -8.3131



132.4310, -37.1875, 27.6860

Square

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



136.4790, 33.7809, -8.3131



135.1990, -14.8881, 62.0925



128.7970, -32.4379, -2.4530



109.3220, 27.9423, -95.8754

Rectangle

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



136.4790, 33.7809, -8.3131



138.1370, 9.2995, 50.7459



128.7970, -32.4379, -2.4530



110.8800, 1.5382, -73.5628

Sweetspot

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



136.4790, 33.7809, -8.3131



230.1920, 12.2303, -2.7994



181.5640, 11.0609, -47.8526



112.9380, 7.4256, -1.6996



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.



136.4790, 33.7809, -8.3131



151.9250, 50.8160, -12.2122



147.2540, 28.4688, 15.5632



93.1400, 4.3680, -0.9998



20.0980, 71.9297, -17.6259



4.3320, 16.5983, -3.7992

Inverse Universe

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



150.4360, -11.0609, 47.8526



173.0970, -16.8098, 71.8289



184.7460, -28.4688, -15.5632



94.9900, -1.4741, 6.1478



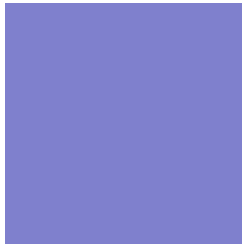
49.8620, -23.5960, 101.8530



11.3620, -5.6015, 23.3615

Previews

White Background



This preview shows how the YUV color 136.4790, 33.7809, -8.3131 looks on a white background.

Color Contrast Check

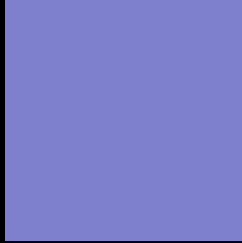
Large Text (above 18pt) WCAG AA ✓ Pass

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 136.4790, 33.7809, -8.3131 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

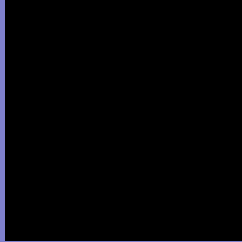
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 136.4790, 33.7809, -8.3131

Background



This preview shows how black text looks on a background with the YUV color 136.4790, 33.7809, -8.3131.



This preview shows how white text looks on a background with the YUV color 136.4790, 33.7809, -8.3131.

-8.3131.

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

136.4790, 33.7809, -8.3131

Protanopia

134.1890, 36.8818, -22.9678

Deuteranopia

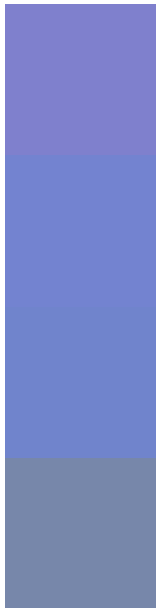
133.2980, 34.8561, -26.5713



Tritanopia

132.7790, 8.4900, -16.4692

Trichromacy



Original Color

136.4790, 33.7809, -8.3131

Protanomaly

134.9940, 35.9920, -17.5347

Deuteranomaly

134.2280, 34.3976, -19.4940

Tritanomaly

134.2060, 17.6464, -13.3357

Monochromacy



Original Color

136.4790, 33.7809, -8.3131

Achromatopsia

136.0000, 0.0000, 0.0000

Achromatomaly

136.1920, 12.2303, -2.7994

CSS Examples

Text

The CSS property to change the color of the text to YUV 136.4790, 33.7809, -8.3131 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(127, 128, 205)` looks like.

```
.text, #text, p{  
    color:rgb(127, 128, 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(127, 128, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 128, 205) }
```

Border

The CSS property to change the border of an element to YUV 136.4790, 33.7809, -8.3131 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(127, 128, 205) }
```


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

```
.border{ border-color:rgb(127, 128, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 128, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 128, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 128, 205);  
box-shadow:4px 4px 4px 4px rgb(127, 128,  
205) }
```

Background

The CSS property to change the background color of an element to YUV 136.4790, 33.7809, -8.3131 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 128, 205) }
```

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

```
.background{ background-color: rgb(127,  
128, 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](#).

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