

Converting Colors

YUV(137.7560, 53.8573,
-7.6790)

Have a look what the booklet for
YUV(137.7560, 53.8573, -7.6790)
contains.

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Color

**YUV(137.7560, 53.8573,
-7.6790)**

Conversions

Conversions Part 1

Format	Color
Hex	8179F7
RGB	129, 121, 247
RGB Percent	51%, 47%, 97%
CMY	0.4941, 0.5255, 0.0314
CMYK	0.48, 0.51, 0.00, 0.03
HSL	244°, 89%, 72%
HSV	244°, 51%, 97%
XYZ	32.6791, 25.0573, 91.1098
YIQ	137.7560, -35.6780, 40.8820

Conversions

Conversions Part 2

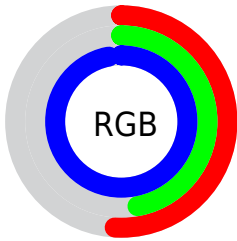
Format	Color
R_{YB}	129, 121, 247
Decimal	8485367
CIE _{Lab}	57.13, 35.06, -62.38
CIE _{LCh}	57, 71.554, 299.338
Yxy	25.0573, 0.2195, 0.1683
Android (android.graphics.Color)	4286675447 (0xFF8179F7)
YUV	137.7560, 53.8573, -7.6790
Hunter-Lab	50.0572, 28.9309, -72.8745

Details

The YUV color **137.7560, 53.8573, -7.6790** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **230.2440, -53.8573, 7.6790**, and the grayscale version is **137.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **187.4200, 33.3169, 0.5087**, and **84.2560, 52.1318, -14.2565** is the 20% darker color. If you saturate the color by 10%, you get **116.2040, 64.4824, -8.9489**, and if you desaturate by 10%, it is **159.3080, 43.2322, -6.4091**.

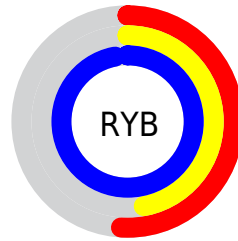
Distribution



Red (51%)

Green (47%)

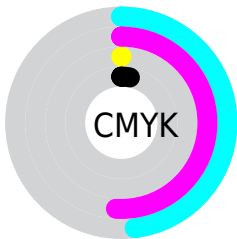
Blue (97%)



Red (51%)

Yellow (47%)

Blue (97%)

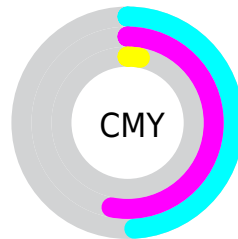


Cyan (48%)

Magenta (51%)

Yellow (0%)

Black (3%)



Cyan (49%)

Magenta (53%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the YUV color 137.7560, 53.8573, -7.6790 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 137.7560, 53.8573, -7.6790 by changing the saturation by 10% instead.

■ 137.7560, 53.8573,
-7.6790

■ 137.7560, 53.8573,
-7.6790

255.0000, 0.0000,
0.0000

■ 110.8050, 52.8471,
-10.3530

■ 187.4200, 33.3169,
0.5087

■ 84.2560, 52.1318,
-14.2565

■ 212.2390, 21.0812,
5.0524

■ 56.7880, 51.8695,
-23.4931

■ 237.6450, 8.5560,
9.0813

■ 31.8260, 50.8648,
-27.9114

■ 17.7090, 45.0065,
-15.5308

■ 9.5760, 36.6910,
-8.3982

■ 10.3620, 24.4715,

-9.0875

■ 5.3920, 15.5827,
-4.7288

■ 2.1830, 5.8258,
-1.9145

■ 137.7560, 53.8573,
-7.6790

■ 137.7560, 53.8573,
-7.6790

■ 116.2040, 64.4824,
-8.9489

■ 159.3080, 43.2322,
-6.4091

■ 95.2390, 74.8182,
-10.7336

■ 180.2730, 32.8964,
-4.6244

■ 73.6870, 85.4433,
-12.0035

■ 201.8250, 22.2713,
-3.3545

■ 51.8360, 96.2159,
-13.8882

■ 223.6760, 11.4987,
-1.4699

■ 32.9420, 105.5306,
-14.8581

■ 244.6410, 1.1630,
0.3148

■ 254.0880, -3.4944,
0.7998

Harmonies

Analogous

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



114.1850, 69.4218, -100.1402



137.7560, 53.8573, -7.6790



138.0610, 31.5219, 63.0905

Triad

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



137.7560, 53.8573, -7.6790



129.1350, -54.7896, 73.5496



112.1310, 10.7814, -98.3389

Complementary

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



137.7560, 53.8573, -7.6790



230.2440, -53.8573, 7.6790

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.



101.7860, -16.1635, -89.2663



137.7560, 53.8573, -7.6790



128.2920, -63.2480, 33.0699

Square

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



137.7560, 53.8573, -7.6790



127.8510, -23.5905, 100.1087



119.7330, -59.0284, -13.7978



119.3130, 38.2997, -104.6375

Rectangle

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



137.7560, 53.8573, -7.6790



131.0080, 15.2791, 92.9550



119.7330, -59.0284, -13.7978



109.0360, 1.4613, -95.6246

Sweetspot

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



137.7560, 53.8573, -7.6790



221.9300, 16.3035, -2.5696



205.8040, 20.3096, -74.3731



107.9210, 9.8989, -1.6847



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.



137.7560, 53.8573, -7.6790



119.7740, 66.6664, -9.4488



155.9950, 44.8655, 29.8224



111.6670, 5.0942, -0.5850



24.7920, 79.4755, -11.2186



7.9220, 25.1815, -3.4396

Inverse Universe

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



172.1260, 32.9689, 65.6645



162.2880, 40.7770, 81.3084



212.0050, -44.8655, -29.8224



114.9560, 3.4727, 6.1776



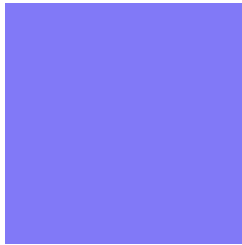
75.4500, 48.5851, 96.9523



23.9110, 15.3269, 30.7731

Previews

White Background



This preview shows how the YUV color 137.7560, 53.8573, -7.6790 looks on a white background.

Color Contrast Check

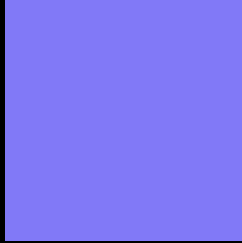
Large Text (above 18pt) WCAG AA ✓ Pass

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 137.7560, 53.8573, -7.6790 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

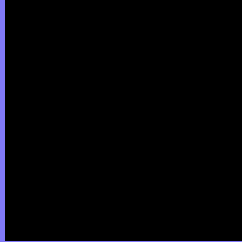
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 137.7560, 53.8573, -7.6790

Background



This preview shows how black text looks on a background with the YUV color 137.7560, 53.8573, -7.6790.



This preview shows how white text looks on a background with the YUV color 137.7560, 53.8573, -7.6790.

-7.6790.

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

137.7560, 53.8573, -7.6790

Protanopia

128.6690, 62.2812, -49.6987

Deuteranopia

120.9560, 60.1677, -71.8754



Tritanopia

132.4080, 11.1379, -25.7908

Trichromacy



Original Color

137.7560, 53.8573, -7.6790

Protanomaly

132.2580, 59.0328, -34.4293

Deuteranomaly

126.8280, 57.7658, -48.0842

Tritanomaly

134.1650, 26.5407, -19.4387

Monochromacy



Original Color

137.7560, 53.8573, -7.6790

Achromatopsia

138.0000, 0.0000, 0.0000

Achromatomaly

138.1410, 19.6505, -2.7547

CSS Examples

Text

The CSS property to change the color of the text to YUV 137.7560, 53.8573, -7.6790 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(129, 121, 247)` looks like.

```
.text, #text, p{  
    color:rgb(129, 121, 247)  
}
```

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(129, 121, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 121, 247) }
```

Border

The CSS property to change the border of an element to YUV 137.7560, 53.8573, -7.6790 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(129, 121, 247) }
```


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

```
.border{ border-color:rgb(129, 121, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 121, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 121, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 121, 247);  
box-shadow:4px 4px 4px 4px rgb(129, 121,  
247) }
```

Background

The CSS property to change the background color of an element to YUV 137.7560, 53.8573, -7.6790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 121, 247) }
```

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

```
.background{ background-color: rgb(129,  
121, 247) }
```

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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