

Converting Colors

YUV(147.7260, 42.5331,
-15.5457)

Have a look what the booklet for
YUV(147.7260, 42.5331, -15.5457)
contains.

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Color

**YUV(147.7260, 42.5331,
-15.5457)**

Conversions

Conversions Part 1

Format	Color
Hex	828CEA
RGB	130, 140, 234
RGB Percent	51%, 55%, 92%
CMY	0.4902, 0.4510, 0.0824
CMYK	0.44, 0.40, 0.00, 0.08
HSL	234°, 71%, 71%
HSV	234°, 44%, 92%
XYZ	33.4353, 29.4425, 81.7626
YIQ	147.7260, -36.1340, 27.1140

Conversions

Conversions Part 2

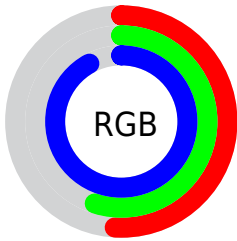
Format	Color
R _Y B	130, 139, 234
Decimal	8555754
CIE Lab	61.17, 20.33, -48.73
CIE LCh	61, 52.805, 292.644
Yxy	29.4425, 0.2312, 0.2036
Android (android.graphics.Color)	4286745834 (0xFF828CEA)
YUV	147.7260, 42.5331, -15.5457
Hunter-Lab	54.2609, 15.0340, -51.3580

Details

The YUV color $147.7260, 42.5331, -15.5457$ is a light color, and the websafe version is hex $9999FF$. A complement of this color would be $216.2740, -42.5331, 15.5457$, and the grayscale version is $147.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $198.2740, 27.9659, -9.8873$, and $94.9490, 40.9441, -19.2493$ is the 20% darker color. If you saturate the color by 10%, you get $128.5220, 52.0007, -18.8748$, and if you desaturate by 10%, it is $166.9300, 33.0655, -12.2166$.

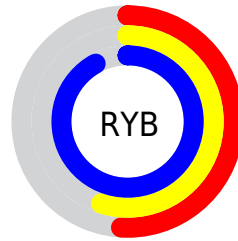
Distribution



Red (51%)

Green (55%)

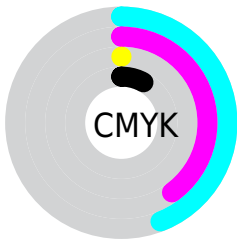
Blue (92%)



Red (51%)

Yellow (55%)

Blue (92%)

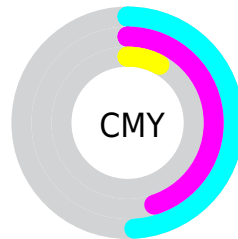


Cyan (44%)

Magenta (40%)

Yellow (0%)

Black (8%)



Cyan (49%)

Magenta (45%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YUV color 147.7260, 42.5331, -15.5457 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 147.7260, 42.5331, -15.5457 by changing the saturation by 10% instead.

■ 147.7260, 42.5331,
-15.5457

■ 147.7260, 42.5331,
-15.5457

■ 255.0000, 0.0000,
0.0000

■ 121.4870, 41.6649,
-17.0901

■ 198.2740, 27.9659,
-9.8873

■ 94.9490, 40.9441,
-19.2493

■ 223.3810, 15.5882,
-6.4731

■ 69.1010, 40.3762,
-23.7676

■ 249.3740, 2.7736,
-2.9590

■ 40.5510, 41.1404,
-35.5632

■ 25.9610, 36.0082,
-22.7678

■ 8.4360, 32.3231,
-7.3984

■ 8.1620, 21.1191,

-7.1581

■ 4.4800, 12.0884,
-3.9290

■ 0.0000, 0.0000,
0.0000

■ 147.7260, 42.5331,
-15.5457

■ 147.7260, 42.5331,
-15.5457

■ 128.5220, 52.0007,
-18.8748

■ 166.9300, 33.0655,
-12.2166

■ 109.0190, 61.6156,
-22.8187

■ 186.4330, 23.4505,
-8.2727

■ 89.8150, 71.0832,
-26.1478

■ 205.6370, 13.9830,
-4.9436

■ 69.7250, 80.9876,
-29.5768

■ 225.7270, 4.0786,
-1.5146

■ 50.5210, 90.4551,
-32.9059

■ 244.9310, -5.3890,
1.8145

■ 39.5900, 95.8441,
-34.7204

■ 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.



118.9320, 59.6865, -104.3034



147.7260, 42.5331, -15.5457



152.4030, 25.9303, 36.4806

Triad

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



147.7260, 42.5331, -15.5457



145.5200, -35.2594, 62.6880



115.0660, 9.3345, -100.9129

Complementary

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



147.7260, 42.5331, -15.5457



216.2740, -42.5331, 15.5457

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.



131.1060, -21.2513, -43.9430



147.7260, 42.5331, -15.5457



143.1840, -45.9397, 34.9186

Square

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



147.7260, 42.5331, -15.5457



146.6460, -16.0945, 75.7325



139.5170, -41.1739, -0.4534



120.5380, 30.3008, -105.7118

Rectangle

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



147.7260, 42.5331, -15.5457



150.2290, 13.1981, 60.3122



139.5170, -41.1739, -0.4534



112.6550, 2.6351, -98.7984

Sweetspot

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



147.7260, 42.5331, -15.5457



227.5230, 13.5462, -4.8437



201.7640, 10.9623, -62.9370



110.5680, 8.5940, -3.1291



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.



147.7260, 42.5331, -15.5457



143.0210, 55.2056, -20.1894



154.4140, 39.2359, 15.4229



107.8410, 4.5154, -1.6146



30.6130, 74.1408, -26.8476



9.0910, 22.1401, -7.9728

Inverse Universe

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



162.2360, -10.9623, 62.9370



161.8470, -14.2216, 81.6952



209.5860, -39.2359, -15.4229



109.4030, -1.1847, 6.6626



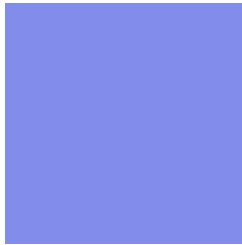
56.0570, -19.2551, 109.5750



16.7160, -5.7760, 32.6981

Previews

White Background



This preview shows how the YUV color 147.7260, 42.5331, -15.5457 looks on a white background.

Color Contrast Check

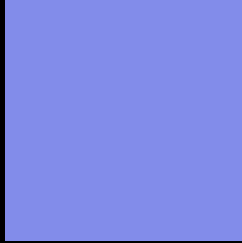
Large Text (above 18pt) WCAG AA ✓ Pass

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 147.7260, 42.5331, -15.5457 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

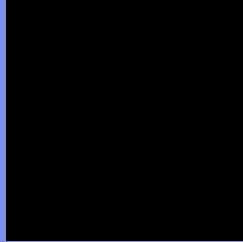
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 147.7260, 42.5331, -15.5457

Background



This preview shows how black text looks on a background with the YUV color 147.7260, 42.5331, -15.5457.



This preview shows how white text looks on a background with the YUV color 147.7260, 42.5331, -15.5457.

-15.5457.

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

147.7260, 42.5331, -15.5457

Protanopia

144.8490, 45.9234, -29.6856

Deuteranopia

142.9360, 43.9086, -36.7779



Tritanopia

142.9240, 11.8695, -27.1203

Trichromacy



Original Color

147.7260, 42.5331, -15.5457

Protanomaly

146.2410, 44.7442, -24.7674

Deuteranomaly

144.5780, 43.5920, -28.5709

Tritanomaly

144.8180, 22.7677, -22.6424

Monochromacy



Original Color

147.7260, 42.5331, -15.5457

Achromatopsia

148.0000, 0.0000, 0.0000

Achromatomaly

147.6800, 15.4408, -5.8584

CSS Examples

Text

The CSS property to change the color of the text to YUV 147.7260, 42.5331, -15.5457 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(130, 140, 234)` looks like.

```
.text, #text, p{  
    color:rgb(130, 140, 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(130, 140, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 140, 234) }
```

Border

The CSS property to change the border of an element to YUV 147.7260, 42.5331, -15.5457 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(130, 140, 234) }
```


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

```
.border{ border-color:rgb(130, 140, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 140, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 140, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 140, 234);  
box-shadow:4px 4px 4px 4px rgb(130, 140,  
234) }
```

Background

The CSS property to change the background color of an element to YUV 147.7260, 42.5331, -15.5457 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 140, 234) }
```

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

```
.background{ background-color: rgb(130,  
140, 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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