

Converting Colors

YUV(155.3150, 42.7357,
12.8787)

Have a look what the booklet for
YUV(155.3150, 42.7357, 12.8787)
contains.

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Color

**YUV(155.3150, 42.7357,
12.8787)**

Conversions

Conversions Part 1

Format	Color
Hex	AA83F2
RGB	170, 131, 242
RGB Percent	67%, 51%, 95%
CMY	0.3333, 0.4863, 0.0510
CMYK	0.30, 0.46, 0.00, 0.05
HSL	261°, 81%, 73%
HSV	261°, 46%, 95%
XYZ	40.7209, 31.1895, 87.8783
YIQ	155.3150, -12.3870, 42.7890

Conversions

Conversions Part 2

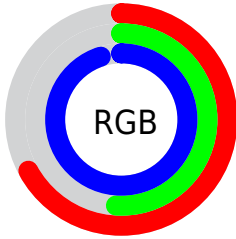
Format	Color
RYB	170, 131, 242
Decimal	11174898
CIELab	62.67, 37.85, -50.58
CIELCh	63, 63.171, 306.809
Yxy	31.1895, 0.2548, 0.1952
Android (android.graphics.Color)	4289364978 (0xFFAA83F2)
YUV	155.3150, 42.7357, 12.8787
Hunter-Lab	55.8475, 32.4190, -54.2020

Details

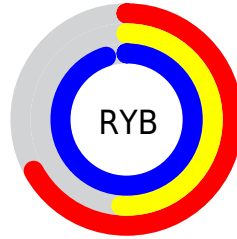
The YUV color **155.3150, 42.7357, 12.8787** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **217.6850, -42.7357, -12.8787**, and the grayscale version is **155.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **205.8370, 24.2374, 19.4370**, and **102.7230, 40.5626, 9.8899** is the 20% darker color. If you saturate the color by 10%, you get **136.4430, 52.0396, 15.3975**, and if you desaturate by 10%, it is **174.1870, 33.4318, 10.3600**.

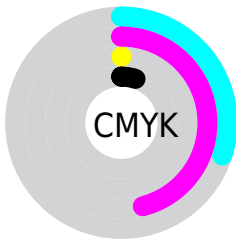
Distribution



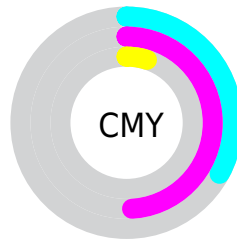
- Red (67%)
- Green (51%)
- Blue (95%)



- Red (67%)
- Yellow (51%)
- Blue (95%)



- Cyan (30%)
- Magenta (46%)
- Yellow (0%)
- Black (5%)



- Cyan (33%)
- Magenta (49%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YUV color 155.3150, 42.7357, 12.8787 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 155.3150, 42.7357, 12.8787 by changing the saturation by 10% instead.

155.3150, 42.7357,
12.8787

155.3150, 42.7357,
12.8787

255.0000, 0.0000,
0.0000

128.3750, 41.7201,
11.9491

205.8370, 24.2374,
19.4370

102.7230, 40.5626,
9.8899

230.3460, 12.1544,
21.6216

77.4840, 39.6944,
8.3455

246.7820, 4.0515,
7.2072

52.2450, 38.8262,
6.8011

26.5110, 38.6951,
2.1829

9.2340, 35.3806,
-8.0982

6.4980, 24.8975,

-5.6987

■ 5.0500, 14.2723,
-4.4289

■ 0.9120, 3.4944,
-0.7998

■ 155.3150, 42.7357,
12.8787

■ 155.3150, 42.7357,
12.8787

■ 136.4430, 52.0396,
15.3975

■ 174.1870, 33.4318,
10.3600

■ 117.8700, 61.1961,
18.5310

■ 192.7600, 24.2753,
7.2265

■ 98.4110, 70.7894,
21.5646

■ 212.2190, 14.6820,
4.1929

■ 79.5390, 80.0933,
24.0833

■ 231.0910, 5.3781,
1.6742

■ 60.9660, 89.2498,
27.2168

■ 249.6640, -3.7784,
-1.4593

■ 53.0030, 93.1755,
28.0614

■ 253.5180, -5.6784,
1.2997

Harmonies

Analogous

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



129.9330, 61.6580, -83.2562



155.3150, 42.7357, 12.8787



153.7380, 21.3282, 66.0048

Triad

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



155.3150, 42.7357, 12.8787



146.6710, -51.1098, 59.9245



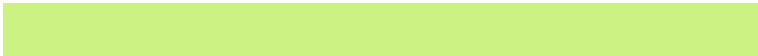
123.0680, 19.6865, -107.9306

Complementary

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



155.3150, 42.7357, 12.8787



217.6850, -42.7357, -12.8787

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.



114.6950, -4.7796, -100.5875



155.3150, 42.7357, 12.8787



142.4370, -59.8684, 22.4188

Square

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



155.3150, 42.7357, 12.8787



147.7430, -29.9463, 85.2944



136.7760, -40.8086, -24.3596



128.7510, 43.9998, -112.9146

Rectangle

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



155.3150, 42.7357, 12.8787



149.9180, 4.9704, 86.0179



136.7760, -40.8086, -24.3596



120.9020, 11.3873, -106.0311

Sweetspot

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



155.3150, 42.7357, 12.8787



226.9910, 13.8084, 4.3929



185.9180, 27.6484, -48.1631



110.6010, 8.5777, 2.1039



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.



155.3150, 42.7357, 12.8787



145.6110, 53.9288, 16.1272



171.7600, 34.6283, 46.6915



110.5640, 4.6519, 1.2594



40.4110, 70.7894, 21.5646



12.3640, 21.5125, 6.6968

Inverse Universe

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



172.3970, 15.0873, 61.0418



167.2340, 19.1116, 76.9708



201.2400, -34.6283, -46.6915



112.5000, 1.7255, 6.5775



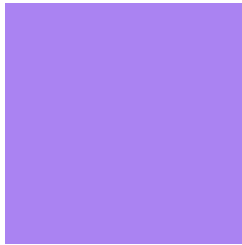
68.5820, 24.8561, 101.2216



20.8480, 7.4699, 30.8283

Previews

White Background



This preview shows how the YUV color 155.3150, 42.7357, 12.8787 looks on a white background.

Color Contrast Check

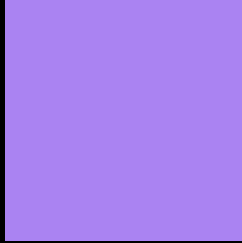
Large Text (above 18pt) WCAG AA × Fail

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 155.3150, 42.7357, 12.8787 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

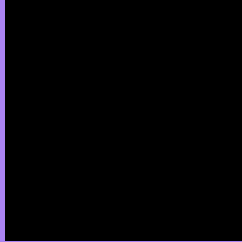
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 155.3150, 42.7357, 12.8787

Background



This preview shows how black text looks on a background with the YUV color 155.3150, 42.7357, 12.8787.



This preview shows how white text looks on a background with the YUV color 155.3150, 42.7357, 12.8787.

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

155.3150, 42.7357, 12.8787

Protanopia

147.9390, 52.7811, -35.9035

Deuteranopia

147.7510, 44.4928, -37.4926



Tritanopia

151.8630, 4.5045, 1.8741

Trichromacy



Original Color

155.3150, 42.7357, 12.8787

Protanomaly

150.7240, 48.9431, -18.1749

Deuteranomaly

150.3450, 43.7069, -18.7196

Tritanomaly

152.8540, 18.3130, 6.2670

Monochromacy



Original Color

155.3150, 42.7357, 12.8787

Achromatopsia

155.0000, 0.0000, 0.0000

Achromatomaly

154.8600, 15.8450, 4.5078

CSS Examples

Text

The CSS property to change the color of the text to YUV 155.3150, 42.7357, 12.8787 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(170, 131, 242)` looks like.

```
.text, #text, p{  
    color:rgb(170, 131, 242)  
}
```

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(170, 131, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 131, 242) }
```

Border

The CSS property to change the border of an element to YUV 155.3150, 42.7357, 12.8787 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(170, 131, 242) }
```


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

```
.border{ border-color:rgb(170, 131, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 131, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 131, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 131, 242);  
box-shadow:4px 4px 4px 4px rgb(170, 131,  
242) }
```

Background

The CSS property to change the background color of an element to YUV 155.3150, 42.7357, 12.8787 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 131, 242) }
```

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

```
.background{ background-color: rgb(170,  
131, 242) }
```

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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