

Converting Colors

YUV(147.7370, 52.8807,
25.6637)

Have a look what the booklet for
YUV(147.7370, 52.8807, 25.6637)
contains.

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Color

**YUV(147.7370, 52.8807,
25.6637)**

Conversions

Conversions Part 1

Format	Color
Hex	B170FF
RGB	177, 112, 255
RGB Percent	69%, 44%, 100%
CMY	0.3059, 0.5608, 0.0000
CMYK	0.31, 0.56, 0.00, 0.00
HSL	267°, 100%, 72%
HSV	267°, 56%, 100%
XYZ	41.9756, 28.1555, 97.8299
YIQ	147.7370, -7.1630, 58.2530

Conversions

Conversions Part 2

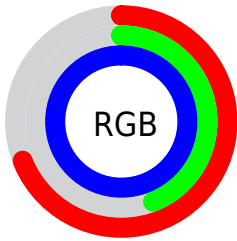
Format	Color
R_{YB}	177, 112, 255
Decimal	11628799
CIE _{Lab}	60.03, 53.05, -61.91
CIE _{LCh}	60, 81.529, 310.597
Yxy	28.1555, 0.2499, 0.1676
Android (android.graphics.Color)	4289818879 (0xFFB170FF)
YUV	147.7370, 52.8807, 25.6637
Hunter-Lab	53.0617, 48.3483, -72.1698

Details

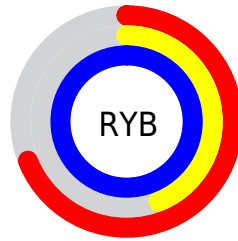
The YUV color **147.7370, 52.8807, 25.6637** is a light color, and the websafe version is hex **9966FF**. A complement of this color would be **219.2630, -52.8807, -25.6637**, and the grayscale version is **147.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **197.0760, 28.5565, 34.1363**, and **93.5580, 50.9969, 23.1896** is the 20% darker color. If you saturate the color by 10%, you get **128.8760, 62.1791, 29.9267**, and if you desaturate by 10%, it is **167.1850, 43.2928, 20.8858**.

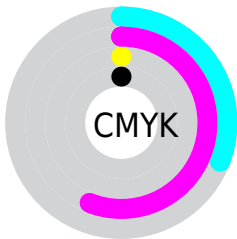
Distribution



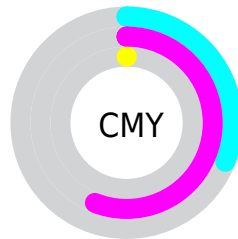
- Red (69%)
- Green (44%)
- Blue (100%)



- Red (69%)
- Yellow (44%)
- Blue (100%)



- Cyan (31%)
- Magenta (56%)
- Yellow (0%)
- Black (0%)





- Cyan (31%)
- Magenta (56%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the YUV color 147.7370, 52.8807, 25.6637 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 147.7370, 52.8807, 25.6637 by changing the saturation by 10% instead.


 147.7370, 52.8807,
25.6637


 147.7370, 52.8807,
25.6637


255.0000, 0.0000,
0.0000

 120.4980, 52.0125,
24.1193


 197.0760, 28.5565,
34.1363


 93.5580, 50.9969,
23.1896


 219.1930, 17.6529,
31.4027


 66.5470, 51.0023,
21.4453

 235.6290, 9.5499,
16.9884

 35.0140, 52.7441,
22.7897

 252.6520, 1.1576,
2.0592

 21.2970, 46.6886,
5.0015

 10.3740, 39.7486,
-9.0980

 7.5240, 28.8287,

-6.5985

■ 6.6630, 17.9141,
-5.8435

■ 2.9810, 8.8834,
-2.6143

■ 147.7370, 52.8807,
25.6637

■ 147.7370, 52.8807,
25.6637

■ 128.8760, 62.1791,
29.9267

■ 167.1850, 43.2928,
20.8858

■ 109.4280, 71.7670,
34.7046

■ 186.0460, 33.9943,
16.6227

■ 89.9800, 81.3549,
39.4825

■ 205.4940, 24.4065,
11.8448

■ 71.1190, 90.6533,
43.7456

■ 224.3550, 15.1080,
7.5817

■ 63.7540, 94.2843,
45.8197

■ 243.8030, 5.5201,
2.8038

255.0000, 0.0000,
0.0000

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



147.7370, 52.8807, 25.6637



137.6460, 27.7825, 95.9035

Triad

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



147.7370, 52.8807, 25.6637



136.1760, -67.1348, 66.4976



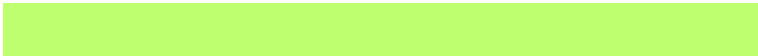
122.5780, 22.8860, -107.5009

Complementary

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



147.7370, 52.8807, 25.6637



219.2630, -52.8807, -25.6637

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.



112.2670, -9.0056, -98.4582



147.7370, 52.8807, 25.6637



133.4980, -65.8145, 16.2263

Square

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



147.7370, 52.8807, 25.6637



133.0570, -39.4681, 106.0670



116.5890, -57.4784, -44.3666



129.1560, 53.1671, -113.2698

Rectangle

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



147.7370, 52.8807, 25.6637



124.0000, 10.8460, 114.8870



116.5890, -57.4784, -44.3666



119.1410, 12.2555, -104.4867

Sweetspot

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



147.7370, 52.8807, 25.6637



222.5830, 15.9816, 7.3817



174.6750, 39.6002, -54.9660



108.5520, 9.5879, 4.7779



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.



147.7370, 52.8807, 25.6637



126.8160, 63.1947, 30.8564



168.9660, 42.4148, 69.3128



118.2760, 4.7939, 2.3889



47.7870, 70.6040, 34.3898



15.9670, 23.6803, 11.4299

Inverse Universe

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



163.6490, 12.9910, 80.1148



145.7310, 15.4156, 95.8289



198.0340, -42.4148, -69.3128



119.6850, 1.1413, 7.2923



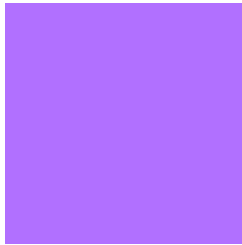
68.9650, 17.2723, 107.0247



23.1260, 5.8539, 35.8465

Previews

White Background



This preview shows how the YUV color 147.7370, 52.8807, 25.6637 looks on a white background.

Color Contrast Check

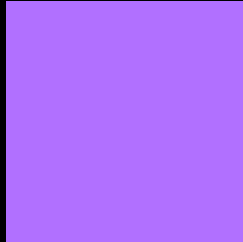
Large Text (above 18pt) WCAG AA ✓ Pass

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 147.7370, 52.8807, 25.6637 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

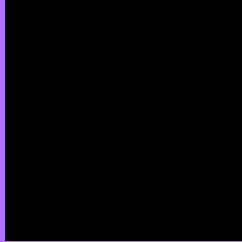
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 147.7370, 52.8807, 25.6637

Background



This preview shows how black text looks on a background with the YUV color 147.7370, 52.8807, 25.6637.



This preview shows how white text looks on a background with the YUV color 147.7370, 52.8807, 25.6637.

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

147.7370, 52.8807, 25.6637

Protanopia

139.0460, 57.1653, -42.1363

Deuteranopia

134.0070, 56.1985, -58.7651



Tritanopia

146.2230, 1.8621, 9.4514

Trichromacy



Original Color

147.7370, 52.8807, 25.6637



Protanomaly

141.8580, 55.7790, -17.4155



Deuteranomaly

139.2650, 55.0854, -28.2964



Tritanomaly

146.7780, 20.3224, 15.1037

Monochromacy



Original Color

147.7370, 52.8807, 25.6637



Achromatopsia

148.0000, 0.0000, 0.0000



Achromatomaly

148.1040, 19.1757, 9.5558

CSS Examples

Text

The CSS property to change the color of the text to YUV 147.7370, 52.8807, 25.6637 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(177, 112, 255)` looks like.

```
.text, #text, p{  
    color:rgb(177, 112, 255)  
}
```

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(177, 112, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 112, 255) }
```

Border

The CSS property to change the border of an element to YUV 147.7370, 52.8807, 25.6637 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(177, 112, 255) }
```


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

```
.border{ border-color:rgb(177, 112, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 112, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 112, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 112, 255);  
box-shadow:4px 4px 4px 4px rgb(177, 112,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 147.7370, 52.8807, 25.6637 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 112, 255) }
```

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

```
.background{ background-color: rgb(177,  
112, 255) }
```

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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