

Converting Colors

YUV(152.8250, 45.9353,
13.3085)

Have a look what the booklet for
YUV(152.8250, 45.9353, 13.3085)
contains.

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Color

**YUV(152.8250, 45.9353,
13.3085)**

Conversions

Conversions Part 1

Format	Color
Hex	A87FF6
RGB	168, 127, 246
RGB Percent	66%, 50%, 96%
CMY	0.3412, 0.5020, 0.0353
CMYK	0.32, 0.48, 0.00, 0.04
HSL	261°, 87%, 73%
HSV	261°, 48%, 96%
XYZ	40.3724, 30.1574, 90.8819
YIQ	152.8250, -13.7630, 45.7010

Conversions

Conversions Part 2

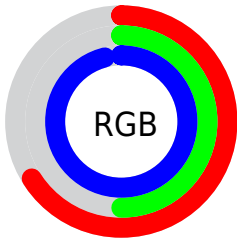
Format	Color
R _Y B	168, 127, 246
Decimal	11042806
CIE Lab	61.79, 40.55, -54.19
CIE LCh	62, 67.682, 306.810
Yxy	30.1574, 0.2501, 0.1868
Android (android.graphics.Color)	4289232886 (0xFFA87FF6)
YUV	152.8250, 45.9353, 13.3085
Hunter-Lab	54.9157, 35.1252, -59.6799

Details

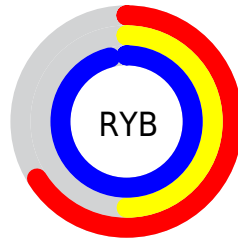
The YUV color **152.8250, 45.9353, 13.3085** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **220.1750, -45.9353, -13.3085**, and the grayscale version is **152.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **202.8910, 25.6897, 20.2666**, and **100.2330, 43.7621, 10.3197** is the 20% darker color. If you saturate the color by 10%, you get **133.3660, 55.5286, 16.3420**, and if you desaturate by 10%, it is **172.2840, 36.3420, 10.2749**.

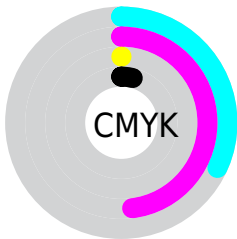
Distribution



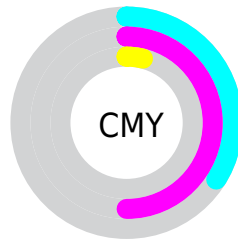
- Red (66%)
- Green (50%)
- Blue (96%)



- Red (66%)
- Yellow (50%)
- Blue (96%)



- Cyan (32%)
- Magenta (48%)
- Yellow (0%)
- Black (4%)



- Cyan (34%)
- Magenta (50%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YUV color 152.8250, 45.9353, 13.3085 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 152.8250, 45.9353, 13.3085 by changing the saturation by 10% instead.

152.8250, 45.9353,
13.3085

152.8250, 45.9353,
13.3085

255.0000, 0.0000,
0.0000

125.8850, 44.9197,
12.3789

202.8910, 25.6897,
20.2666

100.2330, 43.7621,
10.3197

227.4110, 13.6014,
24.1956

74.5810, 42.6046,
8.2605

244.4340, 5.2090,
9.2664

49.1570, 42.3206,
6.0013

21.9390, 42.9211,
0.0535

9.5760, 36.6910,
-8.3982

8.0140, 25.6291,

-7.0283

■ 5.3920, 15.5827,
-4.7288

■ 2.0690, 5.3890,
-1.8145

■ 152.8250, 45.9353,
13.3085

■ 152.8250, 45.9353,
13.3085

■ 133.3660, 55.5286,
16.3420

■ 172.2840, 36.3420,
10.2749

■ 114.4940, 64.8325,
18.8608

■ 191.1560, 27.0381,
7.7562

■ 95.0350, 74.4257,
21.8943

■ 210.6150, 17.4448,
4.7226

■ 76.1630, 83.7296,
24.4130

■ 229.4870, 8.1409,
2.2039

■ 56.4050, 93.4703,
26.8318

■ 249.2450, -1.5998,
-0.2149

■ 53.4590, 94.9227,
27.6615

■ 253.9740, -3.9312,
0.8998

Harmonies

Analogous

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



118.2940, 67.3961, -103.7438



152.8250, 45.9353, 13.3085



150.3410, 23.4959, 70.7379

Triad

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



152.8250, 45.9353, 13.3085



143.3140, -56.3568, 62.8686



122.3670, 19.5391, -107.3159

Complementary

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



152.8250, 45.9353, 13.3085



220.1750, -45.9353, -13.3085

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.



113.4240, -7.1110, -99.4728



152.8250, 45.9353, 13.3085



138.2710, -68.1676, 24.3183

Square

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



152.8250, 45.9353, 13.3085



143.8470, -30.9836, 91.3422



132.7280, -44.7289, -26.9485



128.3920, 45.1627, -112.5998

Rectangle

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



152.8250, 45.9353, 13.3085



145.6030, 6.1117, 93.3102



132.7280, -44.7289, -26.9485



119.3860, 10.6557, -104.7015

Sweetspot

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



152.8250, 45.9353, 13.3085



225.2190, 14.6820, 4.1929



186.9390, 29.1171, -52.5665



109.7150, 9.0145, 2.0039



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.



152.8250, 45.9353, 13.3085



139.1210, 57.1283, 16.5569



170.1670, 37.3857, 48.9655



112.5640, 4.6519, 1.2594



40.3400, 71.8104, 20.7498



12.7060, 22.8229, 6.3968

Inverse Universe

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



171.4730, 16.5288, 65.3602



162.3100, 20.5532, 81.2891



202.8330, -37.3857, -48.9655



114.5000, 1.7255, 6.5775



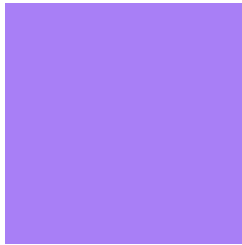
69.5220, 25.8717, 102.1512



21.9730, 7.9013, 32.4727

Previews

White Background



This preview shows how the YUV color 152.8250, 45.9353, 13.3085 looks on a white background.

Color Contrast Check

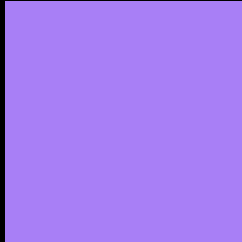
Large Text (above 18pt) WCAG AA × Fail

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 152.8250, 45.9353, 13.3085 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

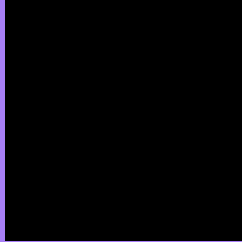
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 152.8250, 45.9353, 13.3085

Background



This preview shows how black text looks on a background with the YUV color 152.8250, 45.9353, 13.3085.



This preview shows how white text looks on a background with the YUV color 152.8250, 45.9353, 13.3085.

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

152.8250, 45.9353, 13.3085

Protanopia

145.2700, 54.0969, -37.9478

Deuteranopia

143.6300, 48.0034, -43.5255



Tritanopia

150.1510, 4.3626, 0.7446

Trichromacy



Original Color

152.8250, 45.9353, 13.3085



Protanomaly

147.9950, 51.2745, -19.2896



Deuteranomaly

147.2350, 47.2121, -23.0081



Tritanomaly

150.8970, 19.7708, 5.3523

Monochromacy



Original Color

152.8250, 45.9353, 13.3085



Achromatopsia

153.0000, 0.0000, 0.0000



Achromatomaly

153.0880, 16.7186, 4.3078

CSS Examples

Text

The CSS property to change the color of the text to YUV 152.8250, 45.9353, 13.3085 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(168, 127, 246)` looks like.

```
.text, #text, p{  
    color:rgb(168, 127, 246)  
}
```

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(168, 127, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 127, 246) }
```

Border

The CSS property to change the border of an element to YUV 152.8250, 45.9353, 13.3085 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(168, 127, 246) }
```


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

```
.border{ border-color:rgb(168, 127, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 127, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 127, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 127, 246);  
box-shadow:4px 4px 4px 4px rgb(168, 127,  
246) }
```

Background

The CSS property to change the background color of an element to YUV 152.8250, 45.9353, 13.3085 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 127, 246) }
```

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

```
.background{ background-color: rgb(168,  
127, 246) }
```

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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