

Converting Colors

YUV(153.4650, 45.1268,
-7.4238)

Have a look what the booklet for
YUV(153.4650, 45.1268, -7.4238)
contains.

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Color

**YUV(153.4650, 45.1268,
-7.4238)**

Conversions

Conversions Part 1

Format	Color
Hex	918CF5
RGB	145, 140, 245
RGB Percent	57%, 55%, 96%
CMY	0.4314, 0.4510, 0.0392
CMYK	0.41, 0.43, 0.00, 0.04
HSL	243°, 84%, 75%
HSV	243°, 43%, 96%
XYZ	37.5366, 31.3685, 90.4625
YIQ	153.4650, -30.7250, 33.7150

Conversions

Conversions Part 2

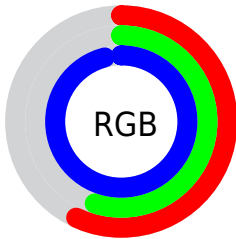
Format	Color
R _Y B	145, 140, 245
Decimal	9538805
CIE Lab	62.82, 27.11, -52.13
CIE LCh	63, 58.753, 297.477
Yxy	31.3685, 0.2355, 0.1968
Android (android.graphics.Color)	4287728885 (0xFF918CF5)
YUV	153.4650, 45.1268, -7.4238
Hunter-Lab	56.0076, 21.6184, -56.5590

Details

The YUV color **153.4650, 45.1268, -7.4238** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **231.5350, -45.1268, 7.4238**, and the grayscale version is **153.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **203.3460, 25.4654, -1.1804**, and **100.5740, 43.1010, -11.0274** is the 20% darker color. If you saturate the color by 10%, you get **132.5000, 55.4625, -9.2085**, and if you desaturate by 10%, it is **175.0170, 34.5016, -6.1539**.

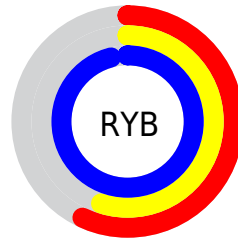
Distribution



Red (57%)

Green (55%)

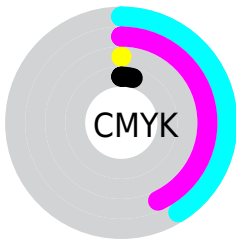
Blue (96%)



Red (57%)

Yellow (55%)

Blue (96%)

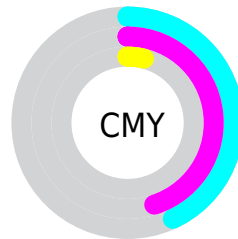


Cyan (41%)

Magenta (43%)

Yellow (0%)

Black (4%)



Cyan (43%)

Magenta (45%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YUV color 153.4650, 45.1268, -7.4238 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 153.4650, 45.1268, -7.4238 by changing the saturation by 10% instead.

■ 153.4650, 45.1268,
-7.4238

■ 153.4650, 45.1268,
-7.4238

255.0000, 0.0000,
0.0000

■ 126.5250, 44.1112,
-8.3534

■ 203.3460, 25.4654,
-1.1804

■ 100.5740, 43.1010,
-11.0274

■ 228.1650, 13.2297,
3.3633

■ 75.3240, 42.2383,
-14.3161

■ 252.0650, 1.4470,
2.5740

■ 48.2800, 42.2600,
-21.2936

■ 26.4000, 40.2288,
-23.1528

■ 9.4620, 36.2542,
-8.2982

■ 10.2480, 24.0347,

-8.9875

■ 5.3920, 15.5827,
-4.7288

■ 2.0690, 5.3890,
-1.8145

■ 153.4650, 45.1268,
-7.4238

■ 153.4650, 45.1268,
-7.4238

■ 132.5000, 55.4625,
-9.2085

■ 175.0170, 34.5016,
-6.1539

■ 110.6490, 66.2350,
-11.0932

■ 196.2810, 24.0185,
-3.7544

■ 89.0970, 76.8602,
-12.3631

■ 217.8330, 13.3933,
-2.4845

■ 68.1320, 87.1959,
-14.1478

■ 238.7980, 3.0576,
-0.6998

■ 46.2810, 97.9685,
-16.0324

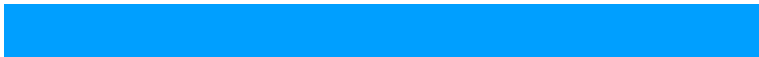
■ 253.8600, -4.3680,
0.9998

■ 31.5180, 105.2466,
-17.1173

Harmonies

Analogous

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



122.4030, 65.3703, -107.3474



153.4650, 45.1268, -7.4238



156.1810, 26.0398, 48.0763

Triad

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



153.4650, 45.1268, -7.4238



148.9950, -42.3955, 64.9024



120.5430, 12.5503, -105.7162

Complementary

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



153.4650, 45.1268, -7.4238



231.5350, -45.1268, 7.4238

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.



128.9080, -17.7026, -62.1863



153.4650, 45.1268, -7.4238



145.9250, -53.2070, 32.5148

Square

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



153.4650, 45.1268, -7.4238



149.4360, -20.9209, 83.8096



140.9630, -44.3518, -7.8606



126.5850, 35.7006, -111.0150

Rectangle

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



153.4650, 45.1268, -7.4238



153.4370, 11.1236, 72.4078



140.9630, -44.3518, -7.8606



117.9040, 4.9773, -103.4018

Sweetspot

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



153.4650, 45.1268, -7.4238



226.0610, 14.2669, -2.6845



211.8440, 16.3459, -63.0072



109.6930, 9.0254, -1.4848



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.



153.4650, 45.1268, -7.4238



141.6140, 55.8993, -9.3085



168.7140, 37.6090, 23.9298



111.6670, 5.0942, -0.5850



23.8950, 79.9178, -13.0629



7.6230, 25.3289, -4.0544

Inverse Universe

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



182.7950, 28.2021, 54.5538



178.0060, 35.0000, 67.5237



216.2860, -37.6090, -23.9298



114.9560, 3.4727, 6.1776



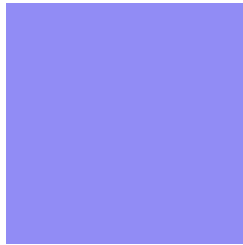
75.7920, 49.8955, 96.6524



24.0250, 15.7637, 30.6731

Previews

White Background



This preview shows how the YUV color 153.4650, 45.1268, -7.4238 looks on a white background.

Color Contrast Check

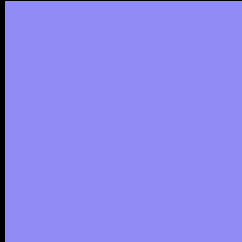
Large Text (above 18pt) WCAG AA × Fail

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 153.4650, 45.1268, -7.4238 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

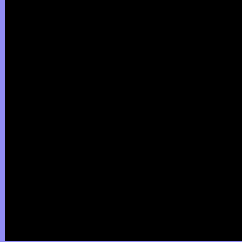
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 153.4650, 45.1268, -7.4238

Background



This preview shows how black text looks on a background with the YUV color 153.4650, 45.1268, -7.4238.



This preview shows how white text looks on a background with the YUV color 153.4650, 45.1268, -7.4238.

-7.4238.

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

153.4650, 45.1268, -7.4238

Protanopia

148.3090, 51.6127, -34.4740

Deuteranopia

146.7120, 46.9770, -40.9664



Tritanopia

149.0990, 9.8112, -20.2578

Trichromacy



Original Color

153.4650, 45.1268, -7.4238

Protanomaly

150.0930, 49.2542, -24.6376

Deuteranomaly

149.2620, 46.2128, -29.1708

Tritanomaly

150.8620, 22.7460, -15.6650

Monochromacy



Original Color

153.4650, 45.1268, -7.4238

Achromatopsia

153.0000, 0.0000, 0.0000

Achromatomaly

152.9300, 16.3035, -2.5696

CSS Examples

Text

The CSS property to change the color of the text to YUV 153.4650, 45.1268, -7.4238 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(145, 140, 245)` looks like.

```
.text, #text, p{  
    color:rgb(145, 140, 245)  
}
```

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(145, 140, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 140, 245) }
```

Border

The CSS property to change the border of an element to YUV 153.4650, 45.1268, -7.4238 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(145, 140, 245) }
```


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

```
.border{ border-color:rgb(145, 140, 245) }
```

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

Here you see how a box with a 4 pixel rgb(145, 140, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 140, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 140, 245);  
box-shadow:4px 4px 4px 4px rgb(145, 140,  
245) }
```

Background

The CSS property to change the background color of an element to YUV 153.4650, 45.1268, -7.4238 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 140, 245) }
```

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

```
.background{ background-color: rgb(145,  
140, 245) }
```

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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