

Converting Colors

YUV(150.0690, 45.8150, 5.2015)

Have a look what the booklet for
YUV(150.0690, 45.8150, 5.2015)
contains.

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Color

**YUV(150.0690, 45.8150,
5.2015)**

Conversions

Conversions Part 1

Format	Color
Hex	9C81F3
RGB	156, 129, 243
RGB Percent	61%, 51%, 95%
CMY	0.3882, 0.4941, 0.0471
CMYK	0.36, 0.47, 0.00, 0.05
HSL	254°, 83%, 73%
HSV	254°, 47%, 95%
XYZ	37.7382, 29.2395, 88.4488
YIQ	150.0690, -20.5020, 41.1780

Conversions

Conversions Part 2

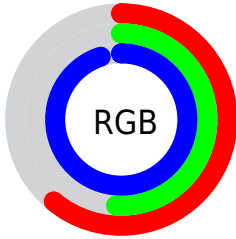
Format	Color
R _Y B	156, 129, 243
Decimal	10256883
CIE _{Lab}	60.99, 35.63, -53.87
CIE _{LCh}	61, 64.585, 303.483
Y _{xy}	29.2395, 0.2428, 0.1881
Android (android.graphics.Color)	4288446963 (0xFF9C81F3)
YUV	150.0690, 45.8150, 5.2015
Hunter-Lab	54.0736, 29.9474, -59.1299

Details

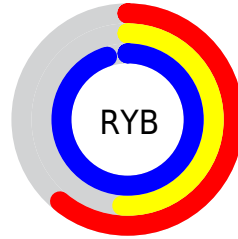
The YUV color **150.0690, 45.8150, 5.2015** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **221.9310, -45.8150, -5.2015**, and the grayscale version is **150.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **199.8900, 27.1692, 12.3745**, and **97.4770, 43.6418, 2.2127** is the 20% darker color. If you saturate the color by 10%, you get **130.3000, 55.5611, 5.8759**, and if you desaturate by 10%, it is **169.8380, 36.0689, 4.5271**.

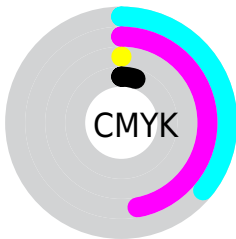
Distribution



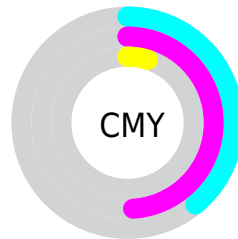
- Red (61%)
- Green (51%)
- Blue (95%)



- Red (61%)
- Yellow (51%)
- Blue (95%)



- Cyan (36%)
- Magenta (47%)
- Yellow (0%)
- Black (5%)



- Cyan (39%)
- Magenta (49%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YUV color 150.0690, 45.8150, 5.2015 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 150.0690, 45.8150, 5.2015 by changing the saturation by 10% instead.

■ 150.0690, 45.8150,
5.2015

■ 150.0690, 45.8150,
5.2015

■ 255.0000, 0.0000,
0.0000

■ 123.7160, 44.5100,
3.7571

■ 199.8900, 27.1692,
12.3745

■ 97.4770, 43.6418,
2.2127

■ 224.9970, 14.7915,
15.7886

■ 72.5260, 42.6317,
-0.4613

■ 245.6080, 4.6303,
8.2368

■ 46.6780, 42.0637,
-4.9796

■ 18.5410, 43.1173,
-16.2605

■ 9.2340, 35.3806,
-8.0982

■ 9.4330, 23.4505,

-8.2727

■ 5.1640, 14.7091,
-4.5288

■ 1.0260, 3.9312,
-0.8998

■ 150.0690, 45.8150,
5.2015

■ 150.0690, 45.8150,
5.2015

■ 130.3000, 55.5611,
5.8759

■ 169.8380, 36.0689,
4.5271

■ 110.2430, 65.4492,
7.6799

■ 189.8950, 26.1808,
2.7231

■ 90.4740, 75.1953,
8.3543

■ 209.6640, 16.4346,
2.0487

■ 71.0040, 84.7940,
9.6435

■ 229.1340, 6.8359,
0.7595

■ 51.2350, 94.5401,
10.3179

■ 249.4900, -3.1996,
-0.4297

■ 45.0440, 97.5923,
11.3624

■ 253.6320, -5.2416,
1.1997

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



150.0690, 45.8150, 5.2015



149.2260, 24.5386, 62.9458

Triad

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



150.0690, 45.8150, 5.2015



142.2200, -50.3945, 63.8281



119.4660, 16.0393, -104.7717

Complementary

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



150.0690, 45.8150, 5.2015



221.9310, -45.8150, -5.2015

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.



110.3920, -8.5743, -96.8138



150.0690, 45.8150, 5.2015



137.2760, -65.7051, 27.8219

Square

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



150.0690, 45.8150, 5.2015



142.1610, -27.1944, 89.3128



132.9570, -45.3348, -19.2563



125.3770, 41.2261, -109.9556

Rectangle

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



150.0690, 45.8150, 5.2015



145.1290, 8.3174, 85.8329



132.9570, -45.3348, -19.2563



116.5990, 7.5927, -102.2573

Sweetspot

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



150.0690, 45.8150, 5.2015



225.7950, 14.3981, 1.9338



193.0650, 24.6180, -56.1850



110.0030, 8.8725, 0.8744



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.



150.0690, 45.8150, 5.2015



138.4680, 57.4503, 6.6056



167.1120, 37.4128, 40.2438



112.2650, 4.7994, 0.6446



34.3600, 74.7585, 8.4543



10.9120, 23.7074, 2.7082

Inverse Universe

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



173.0040, 21.1970, 61.3865



167.1830, 26.5318, 77.0155



204.8880, -37.4128, -40.2438



114.7280, 2.5991, 6.3775



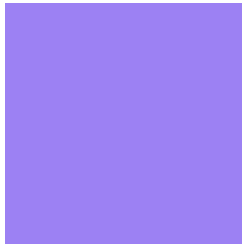
71.8020, 34.6076, 100.1516



22.7710, 10.9589, 31.7728

Previews

White Background



This preview shows how the YUV color 150.0690, 45.8150, 5.2015 looks on a white background.

Color Contrast Check

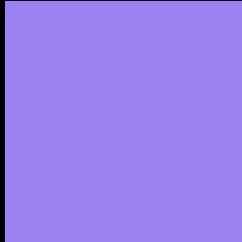
Large Text (above 18pt) WCAG AA ✓ Pass

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 150.0690, 45.8150, 5.2015 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 150.0690, 45.8150, 5.2015

Background



This preview shows how black text looks on a background with the YUV color 150.0690, 45.8150, 5.2015.



This preview shows how white text looks on a background with the YUV color 150.0690, 45.8150,

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

150.0690, 45.8150, 5.2015

Protanopia

142.0140, 55.7021, -39.4773

Deuteranopia

141.3310, 48.1508, -44.1403



Tritanopia

146.3780, 6.7156, -7.3475

Trichromacy



Original Color

150.0690, 45.8150, 5.2015



Protanomaly

144.9020, 52.3063, -23.5931



Deuteranomaly

144.5120, 47.0756, -25.8820



Tritanomaly

147.7820, 20.8135, -2.4398

Monochromacy



Original Color

150.0690, 45.8150, 5.2015



Achromatopsia

150.0000, 0.0000, 0.0000



Achromatomaly

149.7780, 16.8714, 1.9487

CSS Examples

Text

The CSS property to change the color of the text to YUV 150.0690, 45.8150, 5.2015 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(156, 129, 243)` looks like.

```
.text, #text, p{  
    color:rgb(156, 129, 243)  
}
```

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(156, 129, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 129, 243) }
```

Border

The CSS property to change the border of an element to YUV 150.0690, 45.8150, 5.2015 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(156, 129, 243) }
```


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

```
.border{ border-color:rgb(156, 129, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 129, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 129, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 129, 243);  
box-shadow:4px 4px 4px 4px rgb(156, 129,  
243) }
```

Background

The CSS property to change the background color of an element to YUV 150.0690, 45.8150, 5.2015 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 129, 243) }
```

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

```
.background{ background-color: rgb(156,  
129, 243) }
```

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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