

Converting Colors

YUV(138.4340, 45.6350,
16.2824)

Have a look what the booklet for
YUV(138.4340, 45.6350, 16.2824)
contains.

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Color

**YUV(138.4340, 45.6350,
16.2824)**

Conversions

Conversions Part 1

Format	Color
Hex	9D6FE7
RGB	157, 111, 231
RGB Percent	62%, 44%, 91%
CMY	0.3843, 0.5647, 0.0941
CMYK	0.32, 0.52, 0.00, 0.09
HSL	263°, 71%, 67%
HSV	263°, 52%, 91%
XYZ	34.0129, 24.3065, 78.5003
YIQ	138.4340, -11.1040, 47.0720

Conversions

Conversions Part 2

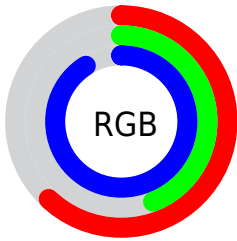
Format	Color
R _Y B	157, 111, 231
Decimal	10317799
CIE _{Lab}	56.39, 42.94, -54.52
CIE _{LCh}	56, 69.399, 308.225
Y _{xy}	24.3065, 0.2486, 0.1777
Android (android.graphics.Color)	4288507879 (0xFF9D6FE7)
YUV	138.4340, 45.6350, 16.2824
Hunter-Lab	49.3016, 36.8682, -59.8931

Details

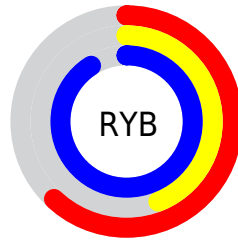
The YUV color **138.4340, 45.6350, 16.2824** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **203.5660, -45.6350, -16.2824**, and the grayscale version is **138.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **189.3240, 32.3783, 21.6409**, and **85.9560, 43.8987, 13.1936** is the 20% darker color. If you saturate the color by 10%, you get **120.7470, 54.3547, 19.5159**, and if you desaturate by 10%, it is **156.1210, 36.9153, 13.0489**.

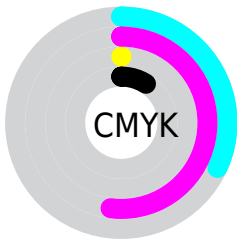
Distribution



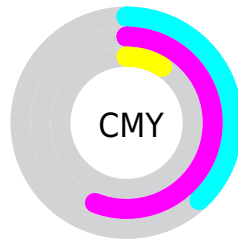
- Red (62%)
- Green (44%)
- Blue (91%)



- Red (62%)
- Yellow (44%)
- Blue (91%)



- Cyan (32%)
- Magenta (52%)
- Yellow (0%)
- Black (9%)



- Cyan (38%)
- Magenta (56%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YUV color 138.4340, 45.6350, 16.2824 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 138.4340, 45.6350, 16.2824 by changing the saturation by 10% instead.

■ 138.4340, 45.6350,
16.2824

■ 138.4340, 45.6350,
16.2824

■ 255.0000, 0.0000,
0.0000

■ 112.0810, 44.3301,
14.8380

■ 189.3240, 32.3783,
21.6409

■ 85.9560, 43.8987,
13.1936

■ 214.1430, 20.1425,
26.1846

■ 60.3040, 42.7411,
11.1344

■ 233.8680, 10.4181,
18.5328

■ 33.9940, 42.8940,
8.7753

■ 250.8910, 2.0257,
3.6036

■ 12.1400, 41.3430,
-7.1388

■ 8.0940, 31.0127,
-7.0984

■ 7.8200, 19.8087,

-6.8581

■ 3.5510, 11.0674,
-3.1142

■ 0.0000, 0.0000,
0.0000

■ 138.4340, 45.6350,
16.2824

■ 138.4340, 45.6350,
16.2824

■ 120.7470, 54.3547,
19.5159

■ 156.1210, 36.9153,
13.0489

■ 103.0600, 63.0744,
22.7494

■ 173.8080, 28.1957,
9.8154

■ 85.0740, 71.9415,
25.3681

■ 191.7940, 19.3286,
7.1967

■ 67.3870, 80.6612,
28.6016

■ 209.4810, 10.6089,
3.9632

■ 52.9450, 87.7811,
31.6202

■ 227.7550, 1.5998,
0.2149

■ 245.4420, -7.1199,
-3.0186

■ 252.2640,
-10.4832, 2.3995

Harmonies

Analogous

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



109.4890, 71.7369, -96.0219



138.4340, 45.6350, 16.2824



133.6620, 23.3376, 74.8414

Triad

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



138.4340, 45.6350, 16.2824



126.9950, -62.6085, 61.3944



112.3080, 19.0752, -98.4941

Complementary

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



138.4340, 45.6350, 16.2824



203.5660, -45.6350, -16.2824

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.



103.9520, -7.8643, -91.1659



138.4340, 45.6350, 16.2824



124.9590, -61.6048, 19.3300

Square

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



138.4340, 45.6350, 16.2824



127.3200, -31.7098, 90.9274



116.0650, -45.8810, -30.7520



118.3330, 44.6988, -103.7780

Rectangle

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



138.4340, 45.6350, 16.2824



127.7390, 6.5377, 96.6989



116.0650, -45.8810, -30.7520



109.9140, 9.9024, -96.3946

Sweetspot

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



138.4340, 45.6350, 16.2824



223.4580, 15.5502, 5.7373



168.1180, 31.0008, -50.0925



108.8400, 9.4459, 3.6483



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.



138.4340, 45.6350, 16.2824



133.2510, 60.0223, 21.7049



156.3740, 36.7906, 53.1690



105.8630, 4.5045, 1.8741



40.7380, 68.1632, 23.9088



11.7940, 19.3286, 7.1967

Inverse Universe

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



155.3160, 14.6342, 66.3749



155.3000, 19.0791, 87.4369



185.6260, -36.7906, -53.1690



107.3860, 1.2887, 6.6775



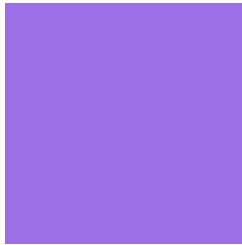
66.0610, 21.6619, 99.0475



18.7830, 6.0230, 28.2543

Previews

White Background



This preview shows how the YUV color 138.4340, 45.6350, 16.2824 looks on a white background.

Color Contrast Check

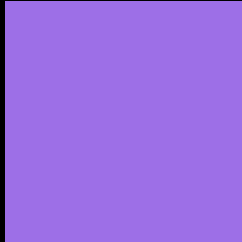
Large Text (above 18pt) WCAG AA ✓ Pass

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 138.4340, 45.6350, 16.2824 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

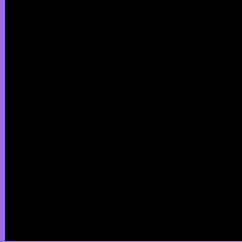
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 138.4340, 45.6350, 16.2824

Background



This preview shows how black text looks on a background with the YUV color 138.4340, 45.6350, 16.2824.



This preview shows how white text looks on a background with the YUV color 138.4340, 45.6350,

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

138.4340, 45.6350, 16.2824

Protanopia

127.3380, 60.9654, -47.6544

Deuteranopia

127.7220, 48.4511, -47.1142



Tritanopia

136.2330, 3.3361, 3.3037

Trichromacy



Original Color

138.4340, 45.6350, 16.2824

Protanomaly

131.7000, 55.3639, -24.2929

Deuteranomaly

131.6370, 47.5070, -24.2376

Tritanomaly

136.9790, 18.7444, 7.9114

Monochromacy



Original Color

138.4340, 45.6350, 16.2824

Achromatopsia

138.0000, 0.0000, 0.0000

Achromatomaly

138.0990, 16.7132, 6.0522

CSS Examples

Text

The CSS property to change the color of the text to YUV 138.4340, 45.6350, 16.2824 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(157, 111, 231)` looks like.

```
.text, #text, p{  
    color:rgb(157, 111, 231)  
}
```

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(157, 111, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 111, 231) }
```

Border

The CSS property to change the border of an element to YUV 138.4340, 45.6350, 16.2824 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(157, 111, 231) }
```


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

```
.border{ border-color:rgb(157, 111, 231) }
```

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

Here you see how a box with a 4 pixel rgb(157, 111, 231) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 111, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 111, 231);  
box-shadow:4px 4px 4px 4px rgb(157, 111,  
231) }
```

Background

The CSS property to change the background color of an element to YUV 138.4340, 45.6350, 16.2824 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 111, 231) }
```

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

```
.background{ background-color: rgb(157,  
111, 231) }
```

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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