

Converting Colors

YUV(146.8430, 38.5314, 8.0307)

Have a look what the booklet for
YUV(146.8430, 38.5314, 8.0307)
contains.

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Color

**YUV(146.8430, 38.5314,
8.0307)**

Conversions

Conversions Part 1

Format	Color
Hex	9C7FE1
RGB	156, 127, 225
RGB Percent	61%, 50%, 88%
CMY	0.3882, 0.5020, 0.1176
CMYK	0.31, 0.44, 0.00, 0.12
HSL	258°, 62%, 69%
HSV	258°, 44%, 88%
XYZ	34.8903, 27.6829, 74.7386
YIQ	146.8430, -14.1740, 36.6260

Conversions

Conversions Part 2

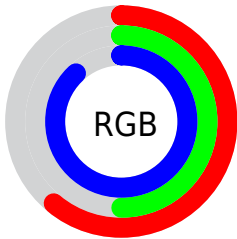
Format	Color
R_{YB}	156, 127, 225
Decimal	10256353
CIE _{Lab}	59.60, 32.14, -46.08
CIE _{LCh}	60, 56.179, 304.897
Yxy	27.6829, 0.2541, 0.2016
Android (android.graphics.Color)	4288446433 (0xFF9C7FE1)
YUV	146.8430, 38.5314, 8.0307
Hunter-Lab	52.6145, 26.2932, -47.3908

Details

The YUV color **146.8430, 38.5314, 8.0307** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **205.1570, -38.5314, -8.0307**, and the grayscale version is **146.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **198.4170, 27.8954, 12.7893**, and **94.6640, 36.6476, 5.5567** is the 20% darker color. If you saturate the color by 10%, you get **129.1450, 47.2565, 9.5198**, and if you desaturate by 10%, it is **165.1280, 29.5169, 6.0267**.

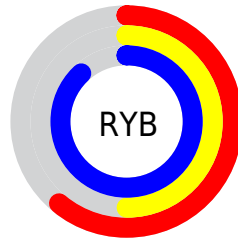
Distribution



Red (61%)

Green (50%)

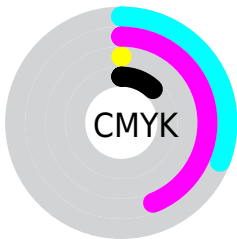
Blue (88%)



Red (61%)

Yellow (50%)

Blue (88%)

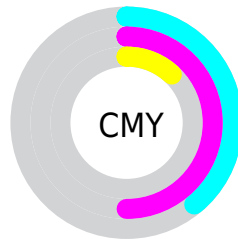


Cyan (31%)

Magenta (44%)

Yellow (0%)

Black (12%)



Cyan (39%)

Magenta (50%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YUV color 146.8430, 38.5314, 8.0307 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 146.8430, 38.5314, 8.0307 by changing the saturation by 10% instead.

■ 146.8430, 38.5314,
8.0307

■ 146.8430, 38.5314,
8.0307

■ 255.0000, 0.0000,
0.0000

■ 120.9030, 37.5158,
7.1011

■ 198.4170, 27.8954,
12.7893

■ 94.6640, 36.6476,
5.5567

■ 223.5240, 15.5177,
16.2035

■ 70.3110, 35.3427,
4.1123

■ 243.8470, 5.4984,
9.7812

■ 46.0610, 34.4799,
0.8235

■ 20.7290, 34.6436,
-5.0243

■ 7.6380, 29.2655,
-6.6985

■ 6.7770, 18.3509,

-5.9434

■ 3.0950, 9.3202,
-2.7143

■ 0.0000, 0.0000,
0.0000

■ 146.8430, 38.5314,
8.0307

■ 146.8430, 38.5314,
8.0307

■ 129.1450, 47.2565,
9.5198

■ 165.1280, 29.5169,
6.0267

■ 110.8600, 56.2710,
11.5238

■ 182.8260, 20.7918,
4.5376

■ 93.1620, 64.9961,
13.0129

■ 201.1110, 11.7773,
2.5337

■ 75.1760, 73.8632,
15.6316

■ 218.5100, 3.1996,
0.4297

■ 57.4780, 82.5883,
17.1208

■ 236.7950, -5.8149,
-1.5742

■ 45.6830, 88.4033,
18.6950

■ 250.3840,
-12.5143, 0.5402

■ 251.5800,
-13.1039, 2.9993

Harmonies

Analogous

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



126.7450, 56.8207, -71.6904



146.8430, 38.5314, 8.0307



146.8030, 19.3241, 55.4238

Triad

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



146.8430, 38.5314, 8.0307



140.5870, -43.6734, 54.7362



115.1290, 17.1914, -100.9681

Complementary

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



146.8430, 38.5314, 8.0307



205.1570, -38.5314, -8.0307

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.



112.1530, -5.9914, -85.2032



146.8430, 38.5314, 8.0307



136.9560, -50.2643, 21.9636

Square

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



146.8430, 38.5314, 8.0307



140.6540, -24.9724, 76.6024



131.8460, -36.8991, -18.2819



120.1280, 38.8839, -105.3523

Rectangle

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



146.8430, 38.5314, 8.0307



143.2540, 5.2978, 74.3222



131.8460, -36.8991, -18.2819



113.1910, 9.7658, -99.2685

Sweetspot

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



146.8430, 38.5314, 8.0307



228.7520, 12.9403, 2.8485



179.2620, 22.5488, -45.8338



111.1880, 8.2883, 1.5891



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.



146.8430, 38.5314, 8.0307



149.1220, 52.1979, 11.2940



161.1950, 31.4559, 37.5400



103.1510, 4.3626, 0.7446



35.6120, 69.2113, 14.3723



9.6580, 18.9026, 3.8079

Inverse Universe

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



164.1680, 15.6932, 53.3497



172.4830, 21.4539, 72.3674



190.8050, -31.4559, -37.5400



105.2010, 1.8729, 5.9627



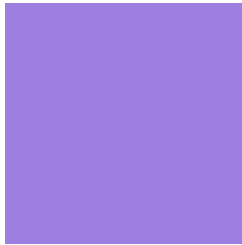
66.7600, 28.2193, 95.8035



18.2280, 7.7756, 26.1100

Previews

White Background



This preview shows how the YUV color 146.8430, 38.5314, 8.0307 looks on a white background.

Color Contrast Check

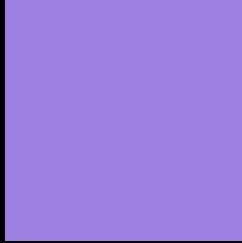
Large Text (above 18pt) WCAG AA ✓ Pass

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 146.8430, 38.5314, 8.0307 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

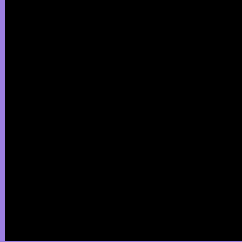
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 146.8430, 38.5314, 8.0307

Background



This preview shows how black text looks on a background with the YUV color 146.8430, 38.5314, 8.0307.



This preview shows how white text looks on a background with the YUV color 146.8430, 38.5314, 8.0307.

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

146.8430, 38.5314, 8.0307

Protanopia

140.2940, 47.6761, -31.8298

Deuteranopia

140.3450, 40.2559, -31.8746



Tritanopia

143.9550, 4.9522, -1.7145

Trichromacy



Original Color

146.8430, 38.5314, 8.0307

Protanomaly

142.5840, 44.5751, -17.1752

Deuteranomaly

142.6180, 39.6283, -17.2050

Tritanomaly

144.8920, 17.3082, 1.8487

Monochromacy



Original Color

146.8430, 38.5314, 8.0307

Achromatopsia

147.0000, 0.0000, 0.0000

Achromatomaly

146.9800, 13.8139, 2.6485

CSS Examples

Text

The CSS property to change the color of the text to YUV 146.8430, 38.5314, 8.0307 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, 127, 225)` looks like.

```
.text, #text, p{  
    color:rgb(156, 127, 225)  
}
```

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, 127, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 127, 225) }
```

Border

The CSS property to change the border of an element to YUV 146.8430, 38.5314, 8.0307 is called "border". The border property can be set on classes, ids or directly on the HTML element.

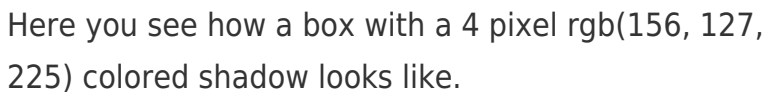
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(156, 127, 225) }
```


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

```
.border{ border-color:rgb(156, 127, 225) }
```

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



Here you see how a box with a 4 pixel `rgb(156, 127, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(156, 127, 225); -webkit-box-shadow:4px 4px 4px 4px rgb(156, 127, 225); box-shadow:4px 4px 4px 4px rgb(156, 127, 225) }
```

Background

The CSS property to change the background color of an element to YUV 146.8430, 38.5314, 8.0307 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 127, 225) }
```

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

```
.background{ background-color: rgb(156,  
127, 225) }
```

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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