

Converting Colors

YUV(115.6420, 60.3225,
18.7310)

Have a look what the booklet for
YUV(115.6420, 60.3225, 18.7310)
contains.

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Color

**YUV(115.6420, 60.3225,
18.7310)**

Conversions

Conversions Part 1

Format	Color
Hex	8951EE
RGB	137, 81, 238
RGB Percent	54%, 32%, 93%
CMY	0.4627, 0.6824, 0.0667
CMYK	0.42, 0.66, 0.00, 0.07
HSL	261°, 82%, 63%
HSV	261°, 66%, 93%
XYZ	28.6916, 17.3763, 82.7307
YIQ	115.6420, -17.0210, 60.6990

Conversions

Conversions Part 2

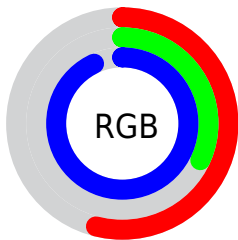
Format	Color
R_{YB}	137, 81, 238
Decimal	8999406
CIE _{Lab}	48.73, 56.40, -70.90
CIE _{LCh}	49, 90.593, 308.502
Yxy	17.3763, 0.2228, 0.1349
Android (android.graphics.Color)	4287189486 (0xFF8951EE)
YUV	115.6420, 60.3225, 18.7310
Hunter-Lab	41.6849, 49.9126, -88.4917

Details

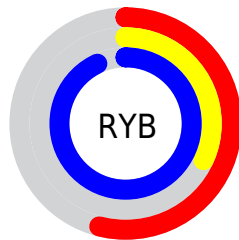
The YUV color **115.6420, 60.3225, 18.7310** is a light color, and the websafe version is hex **9966FF**. The color can be described as light muted purple. A complement of this color would be **203.3580, -60.3225, -18.7310**, and the grayscale version is **115.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **166.3320, 43.7133, 26.0188**, and **59.7940, 59.7546, 14.2127** is the 20% darker color. If you saturate the color by 10%, you get **97.0690, 69.4790, 21.8645**, and if you desaturate by 10%, it is **134.2150, 51.1660, 15.5974**.

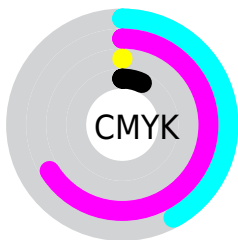
Distribution



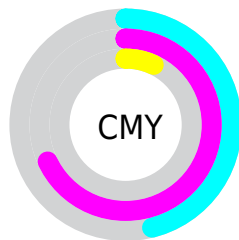
- Red (54%)
- Green (32%)
- Blue (93%)



- Red (54%)
- Yellow (32%)
- Blue (93%)



- Cyan (42%)
- Magenta (66%)
- Yellow (0%)
- Black (7%)



- Cyan (46%)
- Magenta (68%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YUV color 115.6420, 60.3225, 18.7310 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 115.6420, 60.3225, 18.7310 by changing the saturation by 10% instead.

■ 115.6420, 60.3225,
18.7310

■ 115.6420, 60.3225,
18.7310

255.0000, 0.0000,
0.0000

■ 88.1040, 59.6017,
16.5718

■ 166.3320, 43.7133,
26.0188

■ 59.7940, 59.7546,
14.2127

■ 191.1510, 31.4776,
30.5626

■ 30.0000, 60.6390,
10.5240

■ 215.6710, 19.3892,
34.4915

■ 14.3640, 55.0365,
-12.5972

■ 232.6940, 10.9969,
19.5624

■ 11.5140, 44.1166,
-10.0978

■ 249.7170, 2.6045,
4.6332

■ 10.3110, 31.8917,
-9.0427

■ 8.2760, 21.5559,

-7.2581

■ 4.5940, 12.5252,
-4.0289

■ 0.0000, 0.0000,
0.0000

■ 115.6420, 60.3225,
18.7310

■ 115.6420, 60.3225,
18.7310

■ 97.0690, 69.4790,
21.8645

■ 134.2150, 51.1660,
15.5974

■ 78.1970, 78.7829,
24.3832

■ 153.0870, 41.8621,
13.0787

■ 60.2110, 87.6500,
27.0020

■ 171.0730, 32.9950,
10.4600

■ 52.5470, 91.4283,
28.4613

■ 189.6460, 23.8385,
7.3265

■ 208.5180, 14.5346,
4.8077

■ 227.0910, 5.3781,
1.6742

■ 245.6640, -3.7784,
-1.4593

■ 253.0620, -7.4256,
1.6996

Harmonies

Analogous

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



99.5100, 76.6566, -87.2703



115.6420, 60.3225, 18.7310



85.3170, 43.7207, 117.2400

Triad

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



115.6420, 60.3225, 18.7310



108.1450, -53.3155, 67.4018



101.3200, 17.5902, -88.8576

Complementary

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



115.6420, 60.3225, 18.7310



203.3580, -60.3225, -18.7310

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.



90.0970, -17.7958, -79.0151



115.6420, 60.3225, 18.7310



106.9180, -52.7106, 13.2269

Square

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



115.6420, 60.3225, 18.7310



86.3010, -32.6864, 124.2700



80.1310, -39.5046, -69.3979



109.7560, 49.9133, -96.2560

Rectangle

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



115.6420, 60.3225, 18.7310



86.0810, 18.2011, 135.8640



80.1310, -39.5046, -69.3979



97.6550, 6.0861, -85.6434

Sweetspot

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



115.6420, 60.3225, 18.7310



215.1960, 19.6234, 5.9671



158.7720, 39.0594, -68.2060



103.8230, 11.9193, 3.6632



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.



115.6420, 60.3225, 18.7310



98.1430, 77.3305, 23.5536



138.6650, 48.9722, 66.0688



110.5640, 4.6519, 1.2594



40.4110, 70.7894, 21.5646



12.3640, 21.5125, 6.6968

Inverse Universe

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



139.4570, 20.9737, 86.4222



128.8050, 26.7181, 110.6730



180.3350, -48.9722, -66.0688



112.5000, 1.7255, 6.5775



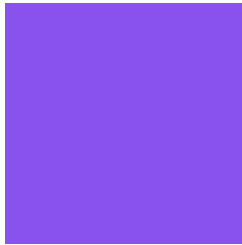
68.4680, 24.4193, 101.3216



20.8480, 7.4699, 30.8283

Previews

White Background



This preview shows how the YUV color 115.6420, 60.3225, 18.7310 looks on a white background.

Color Contrast Check

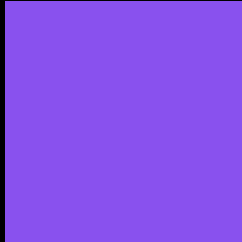
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 115.6420, 60.3225, 18.7310 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

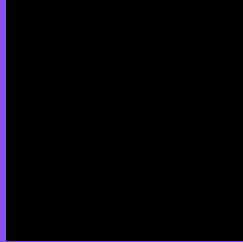
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 115.6420, 60.3225, 18.7310

Background



This preview shows how black text looks on a background with the YUV color 115.6420, 60.3225, 18.7310.



This preview shows how white text looks on a background with the YUV color 115.6420, 60.3225,

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

115.6420, 60.3225, 18.7310

Protanopia

92.0610, 70.9619, -80.7375

Deuteranopia

92.6360, 55.3955, -81.2418



Tritanopia

115.2320, 4.8156, -4.5885

Trichromacy



Original Color

115.6420, 60.3225, 18.7310



Protanomaly

100.6680, 67.2117, -44.4358



Deuteranomaly

101.3230, 57.0288, -45.0103



Tritanomaly

115.2650, 25.0124, 4.1526

Monochromacy



Original Color

115.6420, 60.3225, 18.7310



Achromatopsia

116.0000, 0.0000, 0.0000



Achromatomaly

115.7770, 21.8019, 7.2116

CSS Examples

Text

The CSS property to change the color of the text to YUV 115.6420, 60.3225, 18.7310 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(137, 81, 238)` looks like.

```
.text, #text, p{  
    color:rgb(137, 81, 238)  
}
```

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(137, 81, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 81, 238) }
```

Border

The CSS property to change the border of an element to YUV 115.6420, 60.3225, 18.7310 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(137, 81, 238) }
```


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

```
.border{ border-color:rgb(137, 81, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 81, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 81, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 81, 238);  
box-shadow:4px 4px 4px 4px rgb(137, 81,  
238) }
```

Background

The CSS property to change the background color of an element to YUV 115.6420, 60.3225, 18.7310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 81, 238) }
```

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

```
.background{ background-color: rgb(137, 81,  
238) }
```

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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