

Converting Colors

YUV(161.6300, 41.5944, 5.5865)

Have a look what the booklet for
YUV(161.6300, 41.5944, 5.5865)
contains.

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Color

**YUV(161.6300, 41.5944,
5.5865)**

Conversions

Conversions Part 1

Format	Color
Hex	A88EF6
RGB	168, 142, 246
RGB Percent	66%, 56%, 96%
CMY	0.3412, 0.4431, 0.0353
CMYK	0.32, 0.42, 0.00, 0.04
HSL	255°, 85%, 76%
HSV	255°, 42%, 96%
XYZ	42.4560, 34.3247, 91.5764
YIQ	161.6300, -17.8880, 37.8560

Conversions

Conversions Part 2

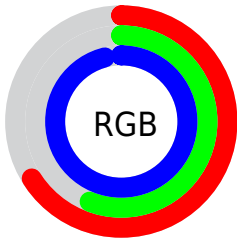
Format	Color
R _Y B	168, 142, 246
Decimal	11046646
CIE Lab	65.22, 32.13, -48.75
CIE LCh	65, 58.387, 303.384
Yxy	34.3247, 0.2522, 0.2039
Android (android.graphics.Color)	4289236726 (0xFFA88EF6)
YUV	161.6300, 41.5944, 5.5865
Hunter-Lab	58.5872, 26.8246, -51.6638

Details

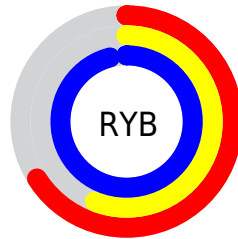
The YUV color **161.6300, 41.5944, 5.5865** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **226.3700, -41.5944, -5.5865**, and the grayscale version is **161.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **211.3970, 21.4963, 11.9298**, and **108.7500, 39.5632, 3.7273** is the 20% darker color. If you saturate the color by 10%, you get **141.5730, 51.4825, 7.3905**, and if you desaturate by 10%, it is **181.6870, 31.7063, 3.7825**.

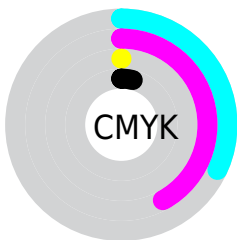
Distribution



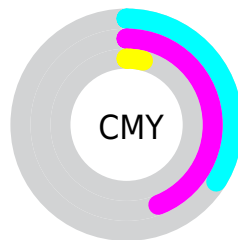
- Red (66%)
- Green (56%)
- Blue (96%)



- Red (66%)
- Yellow (56%)
- Blue (96%)



- Cyan (32%)
- Magenta (42%)
- Yellow (0%)
- Black (4%)



- Cyan (34%)
- Magenta (44%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YUV color 161.6300, 41.5944, 5.5865 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 161.6300, 41.5944, 5.5865 by changing the saturation by 10% instead.

161.6300, 41.5944,
5.5865

161.6300, 41.5944,
5.5865

255.0000, 0.0000,
0.0000

134.6900, 40.5788,
4.6569

211.3970, 21.4963,
11.9298

108.7500, 39.5632,
3.7273

236.8030, 8.9711,
15.9588

83.2120, 38.8425,
1.5681

253.8260, 0.5788,
1.0296

59.1470, 37.3955,
-1.0059

34.0000, 36.9750,
-6.1390

10.1630, 36.4016,
-8.9130

6.8400, 26.2079,

-5.9987

■ 5.3920, 15.5827,
-4.7288

■ 2.1830, 5.8258,
-1.9145

■ 161.6300, 41.5944,
5.5865

■ 161.6300, 41.5944,
5.5865

■ 141.5730, 51.4825,
7.3905

■ 181.6870, 31.7063,
3.7825

■ 121.8040, 61.2286,
8.0649

■ 201.4560, 21.9602,
3.1081

■ 101.7470, 71.1167,
9.8689

■ 221.5130, 12.0721,
1.3041

■ 81.9780, 80.8628,
10.5433

■ 241.2820, 2.3260,
0.6297

■ 61.9210, 90.7509,
12.3473

■ 253.9740, -3.9312,
0.8998

■ 46.5820, 98.3131,
13.5216

Harmonies

Analogous

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



139.1140, 57.1318, -78.1530



161.6300, 41.5944, 5.5865



162.3840, 21.5027, 56.6682

Triad

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



161.6300, 41.5944, 5.5865



154.8650, -45.2894, 59.7544



126.5900, 17.9501, -111.0194

Complementary

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



161.6300, 41.5944, 5.5865



226.3700, -41.5944, -5.5865

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.



130.6440, -10.6705, -77.7408



161.6300, 41.5944, 5.5865



151.9950, -52.7485, 25.4374

Square

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



161.6300, 41.5944, 5.5865



156.1600, -25.7149, 81.4207



146.3470, -40.1041, -16.9673



131.8170, 40.5162, -115.6035

Rectangle

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



161.6300, 41.5944, 5.5865



159.2050, 6.3079, 76.9962



146.3470, -40.1041, -16.9673



123.9510, 10.3772, -108.7050

Sweetspot

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



161.6300, 41.5944, 5.5865



228.1540, 13.2351, 1.6189



199.6420, 22.8545, -50.5520



110.8890, 8.4357, 0.9743



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.



161.6300, 41.5944, 5.5865



149.3880, 52.0667, 6.6757



177.1780, 33.9292, 37.5549



112.2650, 4.7994, 0.6446



35.2570, 74.3163, 10.2986



11.2110, 23.5600, 3.3230

Inverse Universe

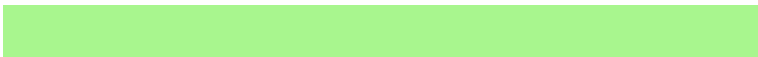
The Inverse Universe completely reimagines the original color for something new.



181.9880, 18.7399, 56.1385



174.9280, 23.2065, 70.2231



210.8220, -33.9292, -37.5549



114.6140, 2.1623, 6.4775



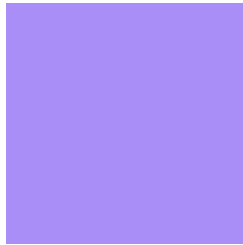
71.5740, 33.7340, 100.3516



22.6570, 10.5221, 31.8728

Previews

White Background



This preview shows how the YUV color 161.6300, 41.5944, 5.5865 looks on a white background.

Color Contrast Check

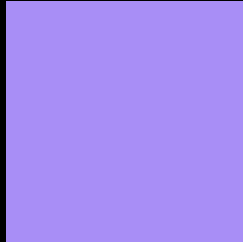
Large Text (above 18pt) WCAG AA × Fail

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 161.6300, 41.5944, 5.5865 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

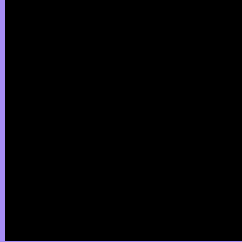
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 161.6300, 41.5944, 5.5865

Background



This preview shows how black text looks on a background with the YUV color 161.6300, 41.5944, 5.5865.



This preview shows how white text looks on a background with the YUV color 161.6300, 41.5944,

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

161.6300, 41.5944, 5.5865

Protanopia

155.6360, 48.9865, -32.1298

Deuteranopia

155.1320, 43.3189, -34.3188



Tritanopia

157.9870, 6.4154, -4.3736

Trichromacy



Original Color

161.6300, 41.5944, 5.5865

Protanomaly

157.7410, 46.4697, -18.1899

Deuteranomaly

157.4050, 42.6913, -19.6492

Tritanomaly

159.0380, 19.2083, -0.9103

Monochromacy



Original Color

161.6300, 41.5944, 5.5865

Achromatopsia

162.0000, 0.0000, 0.0000

Achromatomaly

162.0230, 15.2717, 1.7338

CSS Examples

Text

The CSS property to change the color of the text to YUV 161.6300, 41.5944, 5.5865 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(168, 142, 246)` looks like.

```
.text, #text, p{  
    color:rgb(168, 142, 246)  
}
```

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(168, 142, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 142, 246) }
```

Border

The CSS property to change the border of an element to YUV 161.6300, 41.5944, 5.5865 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(168, 142, 246) }
```


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

```
.border{ border-color:rgb(168, 142, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 142, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 142, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 142, 246);  
box-shadow:4px 4px 4px 4px rgb(168, 142,  
246) }
```

Background

The CSS property to change the background color of an element to YUV 161.6300, 41.5944, 5.5865 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 142, 246) }
```

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

```
.background{ background-color: rgb(168,  
142, 246) }
```

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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