

Converting Colors

YUV(164.6940, 44.5209, 0.2684)

Have a look what the booklet for
YUV(164.6940, 44.5209, 0.2684)
contains.

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Color

**YUV(164.6940, 44.5209,
0.2684)**

Conversions

Conversions Part 1

Format	Color
Hex	A593FF
RGB	165, 147, 255
RGB Percent	65%, 58%, 100%
CMY	0.3529, 0.4235, 0.0000
CMYK	0.35, 0.42, 0.00, 0.00
HSL	250°, 100%, 79%
HSV	250°, 42%, 100%
XYZ	44.0008, 36.0868, 99.2541
YIQ	164.6940, -23.9400, 37.4040

Conversions

Conversions Part 2

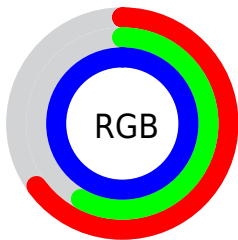
Format	Color
RYB	165, 147, 255
Decimal	10851327
CIELab	66.59, 30.82, -51.53
CIElCh	67, 60.043, 300.880
Yxy	36.0868, 0.2453, 0.2012
Android (android.graphics.Color)	4289041407 (0xFFA593FF)
YUV	164.6940, 44.5209, 0.2684
Hunter-Lab	60.0723, 25.6184, -55.9110

Details

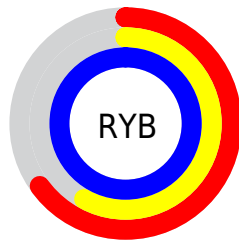
The YUV color $164.6940, 44.5209, 0.2684$ is a light color, and the websafe version is hex $9999FF$. A complement of this color would be $237.3060, -44.5209, -0.2684$, and the grayscale version is $164.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $213.7340, 20.3441, 8.1263$, and $111.5150, 42.6371, -2.2057$ is the 20% darker color. If you saturate the color by 10%, you get $143.7400, 54.8512, 0.2280$, and if you desaturate by 10%, it is $185.6480, 34.1905, 0.3087$.

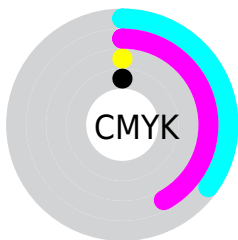
Distribution



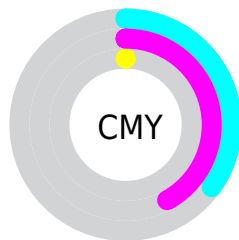
- Red (65%)
- Green (58%)
- Blue (100%)



- Red (65%)
- Yellow (58%)
- Blue (100%)



- Cyan (35%)
- Magenta (42%)
- Yellow (0%)
- Black (0%)



- Cyan (35%)
- Magenta (42%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 164.6940, 44.5209, 0.2684 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 164.6940, 44.5209, 0.2684 by changing the saturation by 10% instead.

164.6940, 44.5209,
0.2684

164.6940, 44.5209,
0.2684

255.0000, 0.0000,
0.0000

137.7540, 43.5053,
-0.6613

213.7340, 20.3441,
8.1263

111.5150, 42.6371,
-2.2057

238.8410, 7.9664,
11.5404

85.8630, 41.4795,
-4.2649

60.6130, 40.6168,
-7.5536

34.2590, 40.7913,
-16.8901

15.1840, 37.8703,
-13.3164

7.6380, 29.2655,

-6.6985

■ 6.7770, 18.3509,
-5.9434

■ 3.0950, 9.3202,
-2.7143

■ 164.6940, 44.5209,
0.2684

■ 164.6940, 44.5209,
0.2684

■ 143.7400, 54.8512,
0.2280

■ 185.6480, 34.1905,
0.3087

■ 122.1990, 65.4709,
0.7025

■ 207.4880, 23.4234,
0.4490

■ 100.3590, 76.2380,
0.5622

■ 229.0290, 12.8037,
-0.0254

■ 79.4050, 86.5683,
0.5218

■ 249.9830, 2.4734,
0.0149

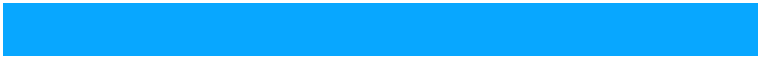
■ 57.8640, 97.1880, 255.0000, 0.0000,
0.9963 0.0000

■ 41.9270, 105.0450,
0.9410

Harmonies

Analogous

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



129.4910, 61.8759, -106.5476



164.6940, 44.5209, 0.2684



166.3560, 23.9815, 54.9388

Triad

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



164.6940, 44.5209, 0.2684



158.4850, -45.5951, 64.4727



128.8240, 16.3558, -112.9786

Complementary

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



164.6940, 44.5209, 0.2684



237.3060, -44.5209, -0.2684

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.



136.0530, -14.3231, -72.8375



164.6940, 44.5209, 0.2684



155.4470, -54.9434, 29.4260

Square

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



164.6940, 44.5209, 0.2684



159.2250, -24.2679, 83.9947



150.1580, -43.4619, -13.2936



134.3930, 40.2323, -117.8627

Rectangle

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



164.6940, 44.5209, 0.2684



162.9000, 8.9233, 78.1407



150.1580, -43.4619, -13.2936



126.0710, 8.3460, -110.5643

Sweetspot

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



164.6940, 44.5209, 0.2684



227.2570, 13.6773, -0.2254



212.1420, 21.1290, -57.1295



110.5900, 8.5831, 0.3596



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.



164.6940, 44.5209, 0.2684



146.3980, 53.5408, 0.5280



180.8400, 36.5609, 33.4663



117.0800, 5.3836, -0.0702



31.3420, 78.7114, 0.5771



10.5850, 26.3336, 0.3640

Inverse Universe

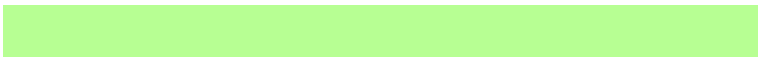
The Inverse Universe completely reimagines the original color for something new.



189.5520, 23.3919, 57.3979



176.1820, 28.0113, 69.1234



221.1600, -36.5609, -33.4663



120.0270, 2.4517, 6.9923



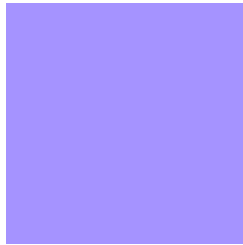
75.2350, 41.2961, 101.5259



25.1780, 13.7162, 34.0469

Previews

White Background



This preview shows how the YUV color 164.6940, 44.5209, 0.2684 looks on a white background.

Color Contrast Check

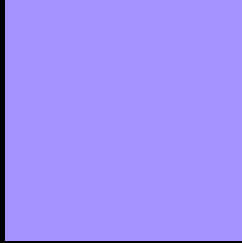
Large Text (above 18pt) WCAG AA × Fail

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 164.6940, 44.5209, 0.2684 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

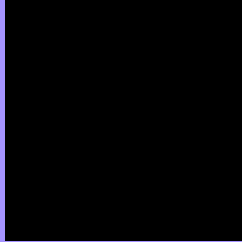
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 164.6940, 44.5209, 0.2684

Background



This preview shows how black text looks on a background with the YUV color 164.6940, 44.5209, 0.2684.



This preview shows how white text looks on a background with the YUV color 164.6940, 44.5209,

0.2684.

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

164.6940, 44.5209, 0.2684

Protanopia

159.7780, 46.9444, -30.5003

Deuteranopia

158.2070, 46.2399, -37.8925



Tritanopia

160.6980, 8.0369, -11.1361

Trichromacy



Original Color

164.6940, 44.5209, 0.2684

Protanomaly

161.9150, 45.8909, -19.2195

Deuteranomaly

160.7680, 45.4704, -24.3525

Tritanomaly

162.1620, 21.1191, -7.1581

Monochromacy



Original Color

164.6940, 44.5209, 0.2684

Achromatopsia

165.0000, 0.0000, 0.0000

Achromatomaly

164.6530, 16.4401, 0.3043

CSS Examples

Text

The CSS property to change the color of the text to YUV 164.6940, 44.5209, 0.2684 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(165, 147, 255)` looks like.

```
.text, #text, p{  
    color:rgb(165, 147, 255)  
}
```

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(165, 147, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 147, 255) }
```

Border

The CSS property to change the border of an element to YUV 164.6940, 44.5209, 0.2684 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(165, 147, 255) }
```


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

```
.border{ border-color:rgb(165, 147, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 147, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 147, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 147, 255);  
box-shadow:4px 4px 4px 4px rgb(165, 147,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 164.6940, 44.5209, 0.2684 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 147, 255) }
```

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

```
.background{ background-color: rgb(165,  
147, 255) }
```

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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