

Converting Colors

YUV(114.5440, 69.2448,
50.3889)

Have a look what the booklet for
YUV(114.5440, 69.2448, 50.3889)
contains.

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Color

**YUV(114.5440, 69.2448,
50.3889)**

Conversions

Conversions Part 1

Format	Color
Hex	AC3AFF
RGB	172, 58, 255
RGB Percent	67%, 23%, 100%
CMY	0.3255, 0.7725, 0.0000
CMYK	0.33, 0.77, 0.00, 0.00
HSL	275°, 100%, 61%
HSV	275°, 77%, 100%
XYZ	36.5763, 19.0168, 96.3506
YIQ	114.5440, 4.7070, 85.4350

Conversions

Conversions Part 2

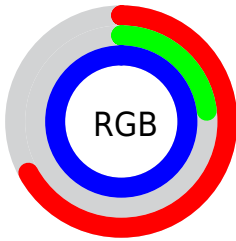
Format	Color
R _Y B	172, 58, 255
Decimal	11287295
CIE Lab	50.71, 76.15, -77.00
CIE LCh	51, 108.298, 314.684
Yxy	19.0168, 0.2407, 0.1252
Android (android.graphics.Color)	4289477375 (0xFFAC3AFF)
YUV	114.5440, 69.2448, 50.3889
Hunter-Lab	43.6082, 73.4022, -100.4731

Details

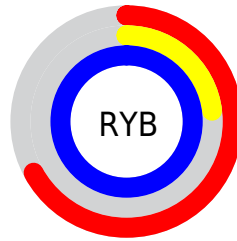
The YUV color **114.5440, 69.2448, 50.3889** is a light color, and the websafe version is hex **9933FF**. The color can be described as light washed purple. A complement of this color would be **198.4560, -69.2448, -50.3889**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **167.4160, 43.1789, 57.5172**, and **55.9460, 69.5396, 49.1594** is the 20% darker color. If you saturate the color by 10%, you get **95.9930, 78.3905, 57.0111**, and if you desaturate by 10%, it is **132.5080, 60.3886, 44.2815**.

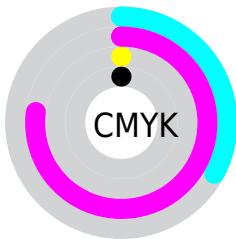
Distribution



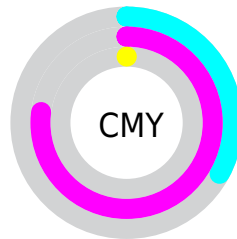
- Red (67%)
- Green (23%)
- Blue (100%)



- Red (67%)
- Yellow (23%)
- Blue (100%)



- Cyan (33%)
- Magenta (77%)
- Yellow (0%)
- Black (0%)




- Cyan (33%)
- Magenta (77%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the YUV color 114.5440, 69.2448, 50.3889 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 114.5440, 69.2448, 50.3889 by changing the saturation by 10% instead.


 114.5440, 69.2448,
50.3889


 114.5440, 69.2448,
50.3889


255.0000, 0.0000,
0.0000


 79.3750, 72.2861,
54.9221


 167.4160, 43.1789,
57.5172


 55.9460, 69.5396,
49.1594


 191.0170, 31.5436,
56.1131

 43.1860, 62.0263,
32.2859


 207.4530, 23.4407,
41.6987

 29.9420, 55.2446,
14.0829

 224.4760, 15.0483,
26.7695

 13.1100, 50.2318,
-11.4975

 242.0860, 6.3666,
11.3256

 10.1460, 38.8750,
-8.8980

 11.5190, 26.3661,

-10.1022

■ 6.5490, 17.4773,
-5.7435

■ 2.8670, 8.4466,
-2.5144

■ 114.5440, 69.2448,
50.3889

■ 114.5440, 69.2448,
50.3889

■ 95.9930, 78.3905,
57.0111

■ 132.5080, 60.3886,
44.2815

■ 78.3280, 87.0993,
63.7333

■ 150.7600, 51.3903,
37.0445

■ 73.3220, 89.5673,
65.4926

■ 168.7240, 42.5341,
30.9371

■ 187.2750, 33.3884,
24.3148

■ 205.2390, 24.5322,
18.2074

■ 223.4910, 15.5339,
10.9704

■ 241.4550, 6.6777,
4.8630

■ 255.0000, 0.0000,
0.0000

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



114.5440, 69.2448, 50.3889



95.5540, 37.6879, 138.9571

Triad

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



114.5440, 69.2448, 50.3889



113.4280, -55.9200, 62.7686



109.9090, 27.6529, -96.3902

Complementary

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



114.5440, 69.2448, 50.3889



198.4560, -69.2448, -50.3889

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.



96.8620, -14.7220, -84.9480



114.5440, 69.2448, 50.3889



108.2920, -53.3880, -2.8871

Square

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



114.5440, 69.2448, 50.3889



73.2440, -36.1093, 148.8760



85.7020, -42.2511, -75.1607



119.7130, 65.2175, -104.9883

Rectangle

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



114.5440, 69.2448, 50.3889



88.8990, 10.8958, 145.6706



85.7020, -42.2511, -75.1607



105.6740, 13.9647, -92.6761

Sweetspot

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



114.5440, 69.2448, 50.3889



212.8920, 20.7592, 15.0037



130.3530, 61.4510, -63.4536



102.0840, 12.7766, 8.6963



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.



114.5440, 69.2448, 50.3889



85.9810, 83.3264, 60.5297



137.8790, 51.3317, 102.7151



118.5750, 4.6465, 3.0037



54.9630, 67.0662, 49.1444



18.3590, 22.5010, 16.3482

Inverse Universe

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



126.3650, 7.2151, 112.8129



100.2630, 8.7443, 135.7043



175.1210, -51.3317, -102.7151



119.4570, 0.2677, 7.4922



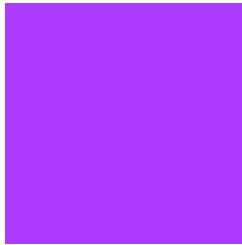
66.3430, 7.2259, 109.3242



22.2140, 2.3595, 36.6463

Previews

White Background



This preview shows how the YUV color 114.5440, 69.2448, 50.3889 looks on a white background.

Color Contrast Check

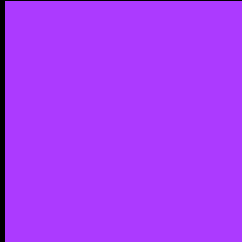
Large Text (above 18pt) WCAG AA ✓ Pass

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 114.5440, 69.2448, 50.3889 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

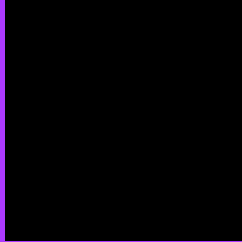
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 114.5440, 69.2448, 50.3889

Background



This preview shows how black text looks on a background with the YUV color 114.5440, 69.2448, 50.3889.



This preview shows how white text looks on a background with the YUV color 114.5440, 69.2448,

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

114.5440, 69.2448, 50.3889

Protanopia

96.1360, 73.8830, -84.3113

Deuteranopia

97.1840, 57.5903, -85.2304



Tritanopia

122.6760, -1.8123, 21.3321

Trichromacy



Original Color

114.5440, 69.2448, 50.3889



Protanomaly

102.9880, 71.9839, -35.0695



Deuteranomaly

103.6430, 61.8010, -35.6439



Tritanomaly

119.8000, 23.7626, 31.7474

Monochromacy



Original Color

114.5440, 69.2448, 50.3889



Achromatopsia

115.0000, 0.0000, 0.0000



Achromatomaly

114.7660, 25.2584, 18.6222

CSS Examples

Text

The CSS property to change the color of the text to YUV 114.5440, 69.2448, 50.3889 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(172, 58, 255)` looks like.

```
.text, #text, p{  
    color:rgb(172, 58, 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(172, 58, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 58, 255) }
```

Border

The CSS property to change the border of an element to YUV 114.5440, 69.2448, 50.3889 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(172, 58, 255) }
```


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

```
.border{ border-color:rgb(172, 58, 255) }
```

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

Here you see how a box with a 4 pixel rgb(172, 58, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 58, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 58, 255);  
box-shadow:4px 4px 4px 4px rgb(172, 58,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 114.5440, 69.2448, 50.3889 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 58, 255) }
```

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

```
.background{ background-color: rgb(172, 58,  
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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