

Converting Colors

YUV(114.2520, 61.9938,
42.7520)

Have a look what the booklet for
YUV(114.2520, 61.9938, 42.7520)
contains.

YUV(114.2520, 61.9938, 42.7520)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(114.2520, 61.9938,
42.7520)**

Conversions

Conversions Part 1

Format	Color
Hex	A341F0
RGB	163, 65, 240
RGB Percent	64%, 25%, 94%
CMY	0.3608, 0.7451, 0.0588
CMYK	0.32, 0.73, 0.00, 0.06
HSL	274°, 85%, 60%
HSV	274°, 73%, 94%
XYZ	32.7227, 17.8584, 84.1604
YIQ	114.2520, 2.2330, 75.2010

Conversions

Conversions Part 2

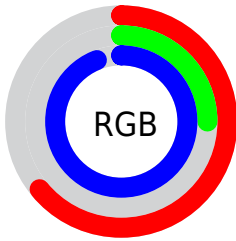
Format	Color
R_{YB}	163, 65, 240
Decimal	10699248
CIE _{Lab}	49.32, 68.87, -70.92
CIE _{LCh}	49, 98.854, 314.159
Yxy	17.8584, 0.2429, 0.1325
Android (android.graphics.Color)	4288889328 (0xFFA341F0)
YUV	114.2520, 61.9938, 42.7520
Hunter-Lab	42.2592, 64.2650, -88.4963

Details

The YUV color **114.2520, 61.9938, 42.7520** is a light color, and the websafe version is hex **9900CC**. The color can be described as light washed purple. A complement of this color would be **190.7480, -61.9938, -42.7520**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **166.7740, 43.4954, 49.3102**, and **51.9580, 64.6037, 45.6408** is the 20% darker color. If you saturate the color by 10%, you get **96.8750, 70.5606, 48.3446**, and if you desaturate by 10%, it is **131.6290, 53.4269, 37.1594**.

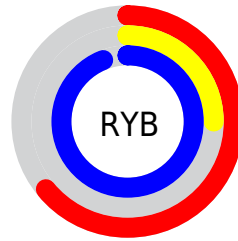
Distribution



Red (64%)

Green (25%)

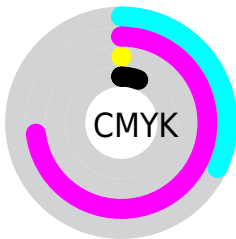
Blue (94%)



Red (64%)

Yellow (25%)

Blue (94%)

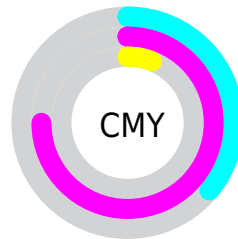


Cyan (32%)

Magenta (73%)

Yellow (0%)

Black (6%)



Cyan (36%)

Magenta (75%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the YUV color 114.2520, 61.9938, 42.7520 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 114.2520, 61.9938, 42.7520 by changing the saturation by 10% instead.

114.2520, 61.9938,
42.7520

114.2520, 61.9938,
42.7520

255.0000, 0.0000,
0.0000

83.7790, 62.7200,
43.1668

166.7740, 43.4954,
49.3102

51.9580, 64.6037,
45.6408

192.1800, 30.9703,
53.3391

39.7960, 56.7956,
29.9969

209.2140, 22.5725,
40.1543

26.5520, 50.0139,
11.7939

226.2370, 14.1802,
25.2252

11.6280, 44.5534,
-10.1978

243.2600, 5.7878,
10.2960

8.7780, 33.6334,
-7.6983

8.9770, 21.7033,

-7.8728

■ 4.7080, 12.9620,
-4.1289

■ 0.2280, 0.8736,
-0.2000

■ 114.2520, 61.9938,
42.7520

■ 114.2520, 61.9938,
42.7520

■ 96.8750, 70.5606,
48.3446

■ 131.6290, 53.4269,
37.1594

■ 79.7970, 78.9801,
54.5520

■ 148.7070, 45.0074,
30.9520

■ 67.4260, 85.0790,
58.3854

■ 166.0840, 36.4406,
25.3593

■ 183.1620, 28.0211,
19.1519

200.5390, 19.4543,
13.5593

217.6170, 11.0348,
7.3519

234.9940, 2.4680,
1.7593

250.8980, -5.3727,
-3.4185

253.2900, -6.5520,
1.4997

Harmonies

Analogous

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



97.1620, 77.8141, -85.2111



114.2520, 61.9938, 42.7520



89.9720, 36.9888, 129.8206

Triad

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



114.2520, 61.9938, 42.7520



110.4600, -54.4568, 60.1096



105.2470, 25.0212, -92.3016

Complementary

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



114.2520, 61.9938, 42.7520



190.7480, -61.9938, -42.7520

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.



93.9270, -13.2750, -82.3740



114.2520, 61.9938, 42.7520



105.9550, -52.2358, 0.9165

Square

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



114.2520, 61.9938, 42.7520



86.6790, -42.7327, 126.5695



82.7670, -40.8041, -72.5867



114.2530, 59.5283, -100.1999

Rectangle

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



114.2520, 61.9938, 42.7520



88.7850, 10.4590, 145.7706



82.7670, -40.8041, -72.5867



101.9410, 12.3541, -89.4023

Sweetspot

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



114.2520, 61.9938, 42.7520



214.6530, 19.8911, 13.4593



131.3230, 53.5778, -58.1653



103.5570, 12.0504, 8.2815



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.



114.2520, 61.9938, 42.7520



93.9110, 79.4169, 54.4521



136.2490, 46.7122, 90.9896



111.4610, 4.2097, 3.1037



51.7730, 65.1879, 44.9261



15.6530, 19.8911, 13.4593

Inverse Universe

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



126.1030, 7.8372, 99.8877



109.1480, 9.7870, 127.9122



168.7510, -46.7122, -90.9896



112.1580, 0.4151, 6.8774



64.2500, 8.2577, 105.0208



19.5940, 2.6652, 31.9281

Previews

White Background



This preview shows how the YUV color 114.2520, 61.9938, 42.7520 looks on a white background.

Color Contrast Check

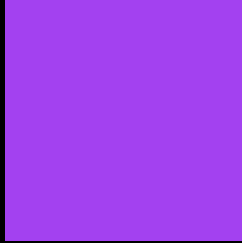
Large Text (above 18pt) WCAG AA ✓ Pass

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 114.2520, 61.9938, 42.7520 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

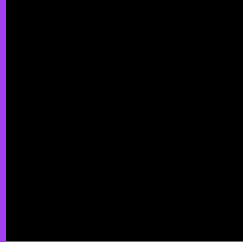
Any Text WCAG AA ✓ Pass

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 114.2520, 61.9938, 42.7520 Background



This preview shows how black text looks on a background with the YUV color 114.2520, 61.9938, 42.7520.



This preview shows how white text looks on a background with the YUV color 114.2520, 61.9938,

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

114.2520, 61.9938, 42.7520

Protanopia

93.5770, 71.6935, -82.0670

Deuteranopia

94.2660, 56.5639, -82.6713



Tritanopia

119.1810, -1.0752, 18.2583

Trichromacy



Original Color

114.2520, 61.9938, 42.7520



Protanomaly

101.2390, 67.9162, -37.0436



Deuteranomaly

101.4210, 58.4594, -37.2032



Tritanomaly

117.3110, 22.0317, 26.9143

Monochromacy



Original Color

114.2520, 61.9938, 42.7520



Achromatopsia

114.0000, 0.0000, 0.0000



Achromatomaly

114.0600, 22.6484, 15.7334

CSS Examples

Text

The CSS property to change the color of the text to YUV 114.2520, 61.9938, 42.7520 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(163, 65, 240)` looks like.

```
.text, #text, p{  
    color:rgb(163, 65, 240)  
}
```

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(163, 65, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 65, 240) }
```

Border

The CSS property to change the border of an element to YUV 114.2520, 61.9938, 42.7520 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(163, 65, 240) }
```


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

```
.border{ border-color:rgb(163, 65, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 65, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 65, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 65, 240);  
box-shadow:4px 4px 4px 4px rgb(163, 65,  
240) }
```

Background

The CSS property to change the background color of an element to YUV 114.2520, 61.9938, 42.7520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 65, 240) }
```

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

```
.background{ background-color: rgb(163, 65,  
240) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor