

Converting Colors

YUV(144.9100, 53.7814,
16.7419)

Have a look what the booklet for
YUV(144.9100, 53.7814, 16.7419)
contains.

YUV(144.9100, 53.7814, 16.7419)	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(144.9100, 53.7814,
16.7419)**

Conversions

Conversions Part 1

Format	Color
Hex	A472FE
RGB	164, 114, 254
RGB Percent	64%, 45%, 100%
CMY	0.3569, 0.5529, 0.0039
CMYK	0.35, 0.55, 0.00, 0.00
HSL	261°, 99%, 72%
HSV	261°, 55%, 100%
XYZ	39.2165, 27.0829, 96.9265
YIQ	144.9100, -15.1400, 54.1400

Conversions

Conversions Part 2

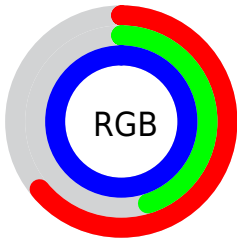
Format	Color
RYB	164, 114, 254
Decimal	10777342
CIELab	59.05, 48.74, -63.00
CIElCh	59, 79.647, 307.727
Yxy	27.0829, 0.2403, 0.1659
Android (android.graphics.Color)	4288967422 (0xFFA472FE)
YUV	144.9100, 53.7814, 16.7419
Hunter-Lab	52.0412, 43.4395, -73.9984

Details

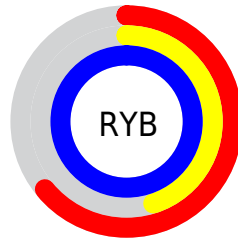
The YUV color **144.9100, 53.7814, 16.7419** is a light color, and the websafe version is hex **9966FF**. A complement of this color would be **223.0900, -53.7814, -16.7419**, and the grayscale version is **144.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **193.7760, 30.1834, 25.6294**, and **91.0190, 51.7556, 13.1383** is the 20% darker color. If you saturate the color by 10%, you get **125.4510, 63.3747, 19.7755**, and if you desaturate by 10%, it is **164.3690, 44.1881, 13.7084**.

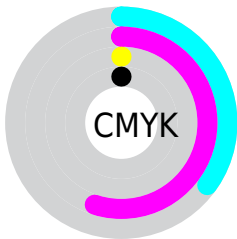
Distribution



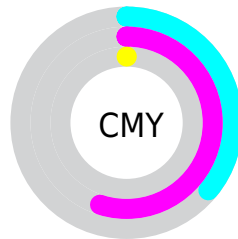
- Red (64%)
- Green (45%)
- Blue (100%)



- Red (64%)
- Yellow (45%)
- Blue (100%)



- Cyan (35%)
- Magenta (55%)
- Yellow (0%)
- Black (0%)



- Cyan (36%)
- Magenta (55%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 144.9100, 53.7814, 16.7419 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 144.9100, 53.7814, 16.7419 by changing the saturation by 10% instead.

144.9100, 53.7814,
16.7419

144.9100, 53.7814,
16.7419

255.0000, 0.0000,
0.0000

117.6710, 52.9132,
15.1975

193.7760, 30.1834,
25.6294

91.0190, 51.7556,
13.1383

219.1820, 17.6583,
29.6584

65.1820, 51.1823,
10.3644

236.2160, 9.2605,
16.4736

36.5730, 51.4825,
7.3905

253.2390, 0.8682,
1.5444

13.1100, 50.2318,
-11.4975

10.2600, 39.3118,
-8.9980

10.9320, 26.6555,

-9.5874

■ 6.5490, 17.4773,
-5.7435

■ 2.8670, 8.4466,
-2.5144

■ 144.9100, 53.7814,
16.7419

■ 144.9100, 53.7814,
16.7419

■ 125.4510, 63.3747,
19.7755

■ 164.3690, 44.1881,
13.7084

■ 105.1060, 73.4047,
22.7090

■ 184.7140, 34.1580,
10.7748

■ 85.6470, 82.9980,
25.7426

■ 204.1730, 24.5647,
7.7413

■ 65.6010, 92.8807,
29.2909

■ 224.2190, 14.6820,
4.1929

■ 56.1650, 97.5327,
30.5503

■ 243.9770, 4.9413,
1.7742

254.8860, -0.4368,
0.1000

Harmonies

Analogous

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



114.1850, 69.4218, -100.1402



144.9100, 53.7814, 16.7419



137.0580, 29.5514, 88.5261

Triad

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



144.9100, 53.7814, 16.7419



133.5400, -65.8352, 69.6864



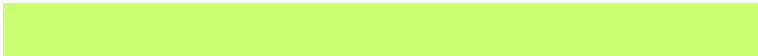
119.6770, 19.3862, -104.9567

Complementary

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



144.9100, 53.7814, 16.7419



223.0900, -53.7814, -16.7419

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.



108.8930, -11.7792, -95.4992



144.9100, 53.7814, 16.7419



131.4600, -64.8098, 20.6446

Square

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



144.9100, 53.7814, 16.7419



130.9090, -34.9581, 106.1968



117.5300, -57.9423, -35.5448



126.2550, 49.6673, -110.7256

Rectangle

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



144.9100, 53.7814, 16.7419



125.7440, 12.4512, 113.3575



117.5300, -57.9423, -35.5448



116.2400, 8.7557, -101.9425

Sweetspot

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



144.9100, 53.7814, 16.7419



221.3870, 16.5712, 4.9226



183.3770, 34.8171, -60.8436



107.6550, 10.0301, 2.9336



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.



144.9100, 53.7814, 16.7419



124.0920, 64.5376, 20.0903



165.5410, 43.6103, 59.1615



117.6780, 5.0887, 1.1594



42.1060, 73.4047, 22.7090



14.1730, 24.5647, 7.7413

Inverse Universe

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



166.1200, 18.6748, 77.0708



149.5440, 22.4098, 92.4849



202.4590, -43.6103, -59.1615



119.7990, 1.5781, 7.1923



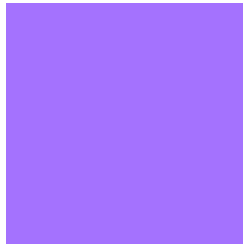
71.1310, 25.5714, 105.1251



23.8100, 8.4747, 35.2466

Previews

White Background



This preview shows how the YUV color 144.9100, 53.7814, 16.7419 looks on a white background.

Color Contrast Check

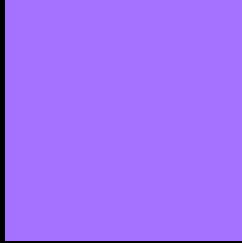
Large Text (above 18pt) WCAG AA ✓ Pass

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 144.9100, 53.7814, 16.7419 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

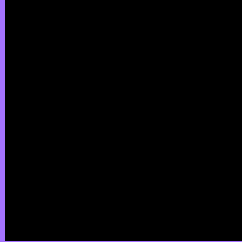
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 144.9100, 53.7814, 16.7419

Background



This preview shows how black text looks on a background with the YUV color 144.9100, 53.7814, 16.7419.



This preview shows how white text looks on a background with the YUV color 144.9100, 53.7814,

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

144.9100, 53.7814, 16.7419

Protanopia

135.4910, 58.9179, -44.2806

Deuteranopia

129.2450, 58.5462, -65.1129



Tritanopia

142.8520, 4.5100, 0.1298

Trichromacy



Original Color

144.9100, 53.7814, 16.7419



Protanomaly

138.8790, 57.2477, -21.8189



Deuteranomaly

134.9760, 56.7068, -35.0590



Tritanomaly

143.5920, 22.3861, 6.4968

Monochromacy



Original Color

144.9100, 53.7814, 16.7419



Achromatopsia

145.0000, 0.0000, 0.0000



Achromatomaly

145.1960, 19.6234, 5.9671

CSS Examples

Text

The CSS property to change the color of the text to YUV 144.9100, 53.7814, 16.7419 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(164, 114, 254)` looks like.

```
.text, #text, p{  
    color:rgb(164, 114, 254)  
}
```

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(164, 114, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 114, 254) }
```

Border

The CSS property to change the border of an element to YUV 144.9100, 53.7814, 16.7419 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(164, 114, 254) }
```


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

```
.border{ border-color:rgb(164, 114, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 114, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 114, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 114, 254);  
box-shadow:4px 4px 4px 4px rgb(164, 114,  
254) }
```

Background

The CSS property to change the background color of an element to YUV 144.9100, 53.7814, 16.7419 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 114, 254) }
```

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

```
.background{ background-color: rgb(164,  
114, 254) }
```

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