

Converting Colors

YUV(148.6650, 52.4232,
79.2238)

Have a look what the booklet for
YUV(148.6650, 52.4232, 79.2238)
contains.

YUV(148.6650, 52.4232, 79.2238)	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(148.6650, 52.4232,
79.2238)**

Conversions

Conversions Part 1

Format	Color
Hex	EF52FF
RGB	239, 82, 255
RGB Percent	94%, 32%, 100%
CMY	0.0627, 0.6784, 0.0000
CMYK	0.06, 0.68, 0.00, 0.00
HSL	294°, 100%, 66%
HSV	294°, 68%, 100%
XYZ	56.6639, 31.6053, 97.7217
YIQ	148.6650, 38.0390, 87.0870

Conversions

Conversions Part 2

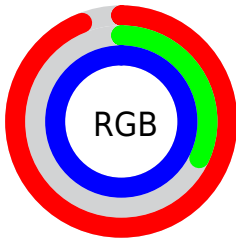
Format	Color
R_{YB}	239, 82, 255
Decimal	15684351
CIE _{Lab}	63.02, 80.23, -56.69
CIE _{LCh}	63, 98.237, 324.759
Yxy	31.6053, 0.3047, 0.1699
Android (android.graphics.Color)	4293874431 (0xFFEF52FF)
YUV	148.6650, 52.4232, 79.2238
Hunter-Lab	56.2186, 81.5313, -63.7075

Details

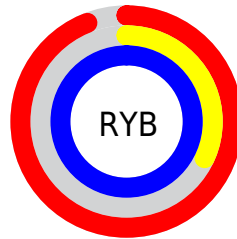
The YUV color **148.6650, 52.4232, 79.2238** is a light color, and the websafe version is hex **FF66FF**. The color can be described as light muted magenta. A complement of this color would be **188.3350, -52.4232, -79.2238**, and the grayscale version is **148.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **189.2560, 32.4118, 57.6575**, and **75.9790, 59.6634, 90.3494** is the 20% darker color. If you saturate the color by 10%, you get **133.3920, 59.9527, 90.8642**, and if you desaturate by 10%, it is **163.9380, 44.8936, 67.5834**.

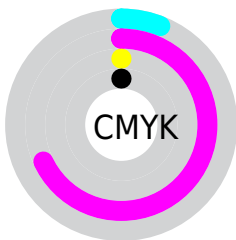
Distribution



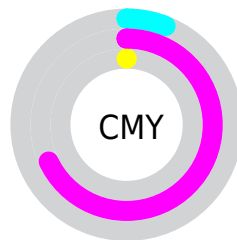
- Red (94%)
- Green (32%)
- Blue (100%)



- Red (94%)
- Yellow (32%)
- Blue (100%)



- Cyan (6%)
- Magenta (68%)
- Yellow (0%)
- Black (0%)





- Cyan (6%)
- Magenta (68%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the YUV color 148.6650, 52.4232, 79.2238 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 148.6650, 52.4232, 79.2238 by changing the saturation by 10% instead.


 148.6650, 52.4232,
79.2238


 148.6650, 52.4232,
79.2238

255.0000, 0.0000,
0.0000


 115.8440, 54.3069,
81.6978


 189.2560, 32.4118,
57.6575


 75.9790, 59.6634,
90.3494


 206.2790, 24.0195,
42.7283


 64.2300, 52.1446,
75.2203

 223.8890, 15.3377,
27.2843

 52.4810, 44.6259,
60.0912

 241.4990, 6.6560,
11.8404

 40.7320, 37.1071,
44.9620

 29.5100, 30.3146,
30.2477

 17.6900, 23.8168,

14.3039

■ 4.9020, 18.7823,
-4.2991

■ 2.9810, 8.8834,
-2.6143

■ 148.6650, 52.4232,
79.2238

■ 148.6650, 52.4232,
79.2238

■ 133.3920, 59.9527,
90.8642

■ 163.9380, 44.8936,
67.5834

■ 117.2330, 67.9191,
102.4047

■ 180.0970, 36.9272,
56.0429

■ 101.9600, 75.4487,
114.0451

■ 195.9570, 29.1082,
43.8877

■ 98.1390, 77.3325,
116.5191

■ 211.2300, 21.5786,
32.2473

■ 227.3890, 13.6122,
20.7068

■ 242.6620, 6.0826,
9.0664

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.



136.4100, 58.4649, -38.9476



148.6650, 52.4232, 79.2238



95.8530, 37.5405, 139.5719

Triad

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



148.6650, 52.4232, 79.2238



143.7300, -70.8589, 47.5948



136.4790, 43.1479, -119.6921

Complementary

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



148.6650, 52.4232, 79.2238



188.3350, -52.4232, -79.2238

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.



125.0450, 4.4148, -109.6645



148.6650, 52.4232, 79.2238



133.2890, -65.7115, -16.9165

Square

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



148.6650, 52.4232, 79.2238



136.1190, -67.1067, 104.2586



110.5960, -38.2548, -96.9927



137.0780, 58.1355, -120.2174

Rectangle

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



148.6650, 52.4232, 79.2238



89.2410, 12.2062, 145.3706



110.5960, -38.2548, -96.9927



133.1730, 30.4807, -116.7927

Sweetspot

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



148.6650, 52.4232, 79.2238



223.5680, 15.4960, 23.1809



111.7010, 70.6464, -26.0478



108.9060, 9.4133, 14.1144



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.



148.6650, 52.4232, 79.2238



127.8100, 62.7047, 94.8826



145.5830, 19.9256, 95.9587



119.7710, 4.0569, 5.4628



73.8000, 57.7796, 87.8754



24.6380, 19.4055, 29.2585

Inverse Universe

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



135.5510, -18.5126, 104.7568



112.1730, -21.7773, 125.2593



191.4170, -19.9256, -95.9587



119.0010, -1.4795, 7.8921



59.1610, -20.2924, 115.6228



19.8200, -6.8133, 38.7459

Previews

White Background



This preview shows how the YUV color 148.6650, 52.4232, 79.2238 looks on a white background.

Color Contrast Check

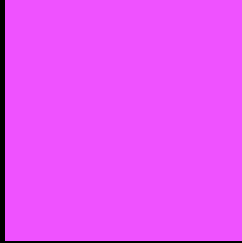
Large Text (above 18pt) WCAG AA × Fail

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 148.6650, 52.4232, 79.2238 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

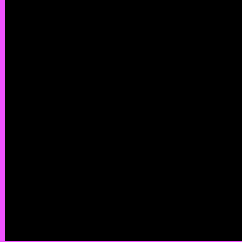
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 148.6650, 52.4232, 79.2238

Background



This preview shows how black text looks on a background with the YUV color 148.6650, 52.4232, 79.2238.



This preview shows how white text looks on a background with the YUV color 148.6650, 52.4232, 79.2238.

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

148.6650, 52.4232, 79.2238

Protanopia

148.5260, 52.4917, -36.4183

Deuteranopia

147.7120, 46.9770, -40.9664



Tritanopia

153.5240, -11.1043, 61.8075

Trichromacy



Original Color

148.6650, 52.4232, 79.2238



Protanomaly

148.7900, 52.3615, 5.4462



Deuteranomaly

147.8560, 48.8780, 2.7573



Tritanomaly

151.3440, 12.1554, 68.1043

Monochromacy



Original Color

148.6650, 52.4232, 79.2238



Achromatopsia

149.0000, 0.0000, 0.0000



Achromatomaly

149.2250, 19.1161, 28.7437

CSS Examples

Text

The CSS property to change the color of the text to YUV 148.6650, 52.4232, 79.2238 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(239, 82, 255)` looks like.

```
.text, #text, p{  
    color:rgb(239, 82, 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(239, 82, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 82, 255) }
```

Border

The CSS property to change the border of an element to YUV 148.6650, 52.4232, 79.2238 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(239, 82, 255) }
```


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

```
.border{ border-color:rgb(239, 82, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 82, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 82, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 82, 255);  
box-shadow:4px 4px 4px 4px rgb(239, 82,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 148.6650, 52.4232, 79.2238 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 82, 255) }
```

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

```
.background{ background-color: rgb(239, 82,  
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](#).

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