

Converting Colors

YUV(149.1460, 46.2700,
92.8340)

Have a look what the booklet for
YUV(149.1460, 46.2700, 92.8340)
contains.

YUV(149.1460, 46.2700, 92.8340)	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(149.1460, 46.2700,
92.8340)**

Conversions

Conversions Part 1

Format	Color
Hex	FF4DF3
RGB	255, 77, 243
RGB Percent	100%, 30%, 95%
CMY	0.0000, 0.6980, 0.0471
CMYK	0.00, 0.70, 0.05, 0.00
HSL	304°, 100%, 65%
HSV	304°, 70%, 100%
XYZ	60.0715, 33.0388, 88.0050
YIQ	149.1460, 52.8020, 89.3620

Conversions

Conversions Part 2

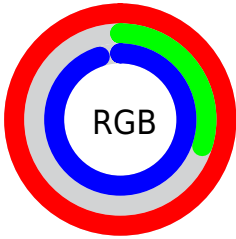
Format	Color
R _Y B	255, 77, 243
Decimal	16731635
CIE Lab	64.19, 83.43, -48.04
CIE LCh	64, 96.273, 330.068
Yxy	33.0388, 0.3317, 0.1824
Android (android.graphics.Color)	4294921715 (0xFFFF4DF3)
YUV	149.1460, 46.2700, 92.8340
Hunter-Lab	57.4794, 85.9608, -50.5416

Details

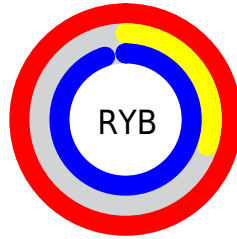
The YUV color **149.1460, 46.2700, 92.8340** is a light color, and the websafe version is hex **FF66FF**. The color can be described as light washed magenta. A complement of this color would be **182.8540, -46.2700, -92.8340**, and the grayscale version is **149.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **187.4950, 33.2800, 59.2019**, and **79.2100, 52.6475, 100.6708** is the 20% darker color. If you saturate the color by 10%, you get **134.2430, 52.6312, 105.9039**, and if you desaturate by 10%, it is **164.6360, 39.6195, 79.2492**.

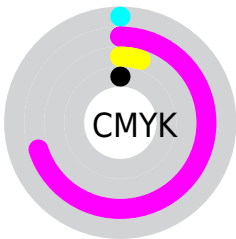
Distribution



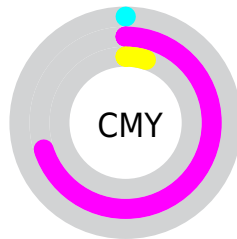
- Red (100%)
- Green (30%)
- Blue (95%)



- Red (100%)
- Yellow (30%)
- Blue (95%)



- Cyan (0%)
- Magenta (70%)
- Yellow (5%)
- Black (0%)



- Cyan (0%)
- Magenta (70%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the YUV color 149.1460, 46.2700, 92.8340 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 149.1460, 46.2700, 92.8340 by changing the saturation by 10% instead.


 149.1460, 46.2700,
92.8340


 149.1460, 46.2700,
92.8340


255.0000, 0.0000,
0.0000


 113.6780, 49.4587,
96.7524


 187.4950, 33.2800,
59.2019

 79.2100, 52.6475,
100.6708


 205.1050, 24.5982,
43.7579


 67.4610, 45.1287,
85.5417

 222.7150, 15.9165,
28.3139

 55.4130, 37.7574,
69.7978

 240.3250, 7.2348,
12.8700

 43.7780, 30.6754,
54.5687

 32.5560, 23.8829,
39.8544

 21.4480, 17.5271,

25.0401

■ 8.1760, 13.2242,
5.1076

■ 1.0260, 3.9312,
-0.8998

■ 149.1460, 46.2700,
92.8340

■ 149.1460, 46.2700,
92.8340

■ 134.2430, 52.6312,
105.9039

■ 164.6360, 39.6195,
79.2492

■ 118.8670, 59.7186,
119.3886

■ 179.4250, 32.8215,
66.2793

■ 103.9640, 66.0797,
132.4586

■ 194.9150, 26.1709,
52.6945

■ 103.3770, 66.3691,
132.9734

■ 209.8180, 19.8097,
39.6246

■ 225.3080, 13.1592,
26.0399

■ 240.0970, 6.3612,
13.0699

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.



148.1150, 52.6943, -7.9939



149.1460, 46.2700, 92.8340



94.3710, 31.8621, 140.8716

Triad

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



149.1460, 46.2700, 92.8340



145.4360, -71.6999, 37.3286



139.4770, 49.5578, -122.3213

Complementary

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



149.1460, 46.2700, 92.8340



182.8540, -46.2700, -92.8340

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.



129.5590, 11.5564, -113.6232



149.1460, 46.2700, 92.8340



132.9240, -65.5315, -27.9973

Square

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



149.1460, 46.2700, 92.8340



143.1520, -70.5739, 96.3367



116.0220, -27.6188, -101.7513



137.6650, 57.8462, -120.7322

Rectangle

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



149.1460, 46.2700, 92.8340



107.3580, -2.1485, 129.4820



116.0220, -27.6188, -101.7513



136.9860, 37.4749, -120.1367

Sweetspot

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



149.1460, 46.2700, 92.8340



222.8460, 13.8799, 28.1991



100.8800, 75.9812, -10.4188



108.8740, 7.9501, 16.7735



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.



149.1460, 46.2700, 92.8340



127.7860, 55.8145, 111.5667



139.0000, 7.3950, 101.7320



120.2550, 3.3253, 6.7924



77.4010, 49.5953, 99.6263



25.8620, 16.3370, 33.4470

Inverse Universe

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



149.1460, 46.2700, 92.8340



127.7860, 55.8145, 111.5667



193.0000, -7.3950, -101.7320



120.2550, 3.3253, 6.7924



77.4010, 49.5953, 99.6263



25.8620, 16.3370, 33.4470

Previews

White Background



This preview shows how the YUV color 149.1460, 46.2700, 92.8340 looks on a white background.

Color Contrast Check

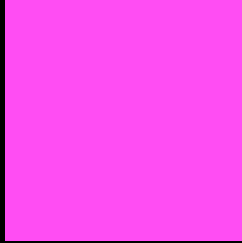
Large Text (above 18pt) WCAG AA × Fail

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 149.1460, 46.2700, 92.8340 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

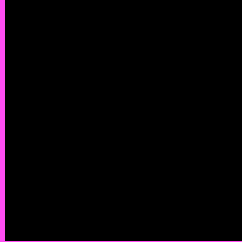
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 149.1460, 46.2700, 92.8340

Background



This preview shows how black text looks on a background with the YUV color 149.1460, 46.2700, 92.8340.



This preview shows how white text looks on a background with the YUV color 149.1460, 46.2700, 92.8340.

92.8340.

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

149.1460, 46.2700, 92.8340

Protanopia

152.6680, 50.4497, -34.7888

Deuteranopia

153.7970, 38.0611, -27.8860



Tritanopia

154.5860, -15.0789, 76.6621

Trichromacy



Original Color

149.1460, 46.2700, 92.8340



Protanomaly

151.3240, 49.1403, 11.9939



Deuteranomaly

152.1690, 40.8357, 15.6378



Tritanomaly

152.7650, 7.0179, 82.6441

Monochromacy



Original Color

149.1460, 46.2700, 92.8340



Achromatopsia

149.0000, 0.0000, 0.0000



Achromatomaly

149.2750, 16.6264, 33.9618

CSS Examples

Text

The CSS property to change the color of the text to YUV 149.1460, 46.2700, 92.8340 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(255, 77, 243)` looks like.

```
.text, #text, p{  
    color:rgb(255, 77, 243)  
}
```

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(255, 77, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 77, 243) }
```

Border

The CSS property to change the border of an element to YUV 149.1460, 46.2700, 92.8340 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(255, 77, 243) }
```


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

```
.border{ border-color:rgb(255, 77, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 77, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 77, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 77, 243);  
box-shadow:4px 4px 4px 4px rgb(255, 77,  
243) }
```

Background

The CSS property to change the background color of an element to YUV 149.1460, 46.2700, 92.8340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 77, 243) }
```

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

```
.background{ background-color: rgb(255, 77,  
243) }
```

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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