

Converting Colors

YUV(93.1250, 68.4654,
113.9004)

Have a look what the booklet for
YUV(93.1250, 68.4654, 113.9004)
contains.

YUV(93.1250, 68.4654, 113.9004)	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>	30

Color

**YUV(93.1250, 68.4654,
113.9004)**

Conversions

Conversions Part 1

Format	Color
Hex	DF00E8
RGB	223, 0, 232
RGB Percent	87%, 0%, 91%
CMY	0.1255, 1.0000, 0.0902
CMYK	0.04, 1.00, 0.00, 0.09
HSL	298°, 100%, 45%
HSV	298°, 100%, 91%
XYZ	44.9969, 21.5142, 78.1250
YIQ	93.1250, 58.4360, 119.4280

Conversions

Conversions Part 2

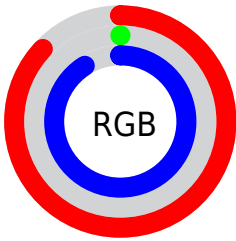
Format	Color
RYB	223, 0, 232
Decimal	14614760
CIELab	53.51, 90.09, -59.21
CIELCh	54, 107.802, 326.685
Yxy	21.5142, 0.3111, 0.1487
Android (android.graphics.Color)	4292804840 (0xFFDF00E8)
YUV	93.1250, 68.4654, 113.9004
Hunter-Lab	46.3834, 91.9935, -67.3957

Details

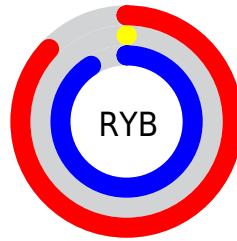
The YUV color **93.1250, 68.4654, 113.9004** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light washed magenta. A complement of this color would be **138.8750, -68.4654, -113.9004**, and the grayscale version is **92.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **162.8410, 45.4344, 80.8234**, and **68.6870, 52.4123, 82.7125** is the 20% darker color. If you saturate the color by 10%, you get **93.1250, 68.4654, 113.9004**, and if you desaturate by 10%, it is **106.9250, 61.6620, 102.6748**.

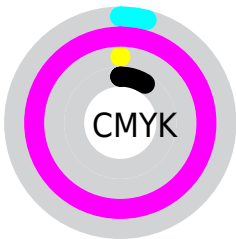
Distribution



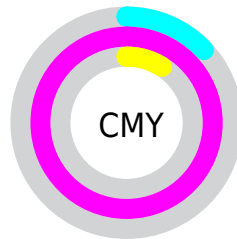
- Red (87%)
- Green (0%)
- Blue (91%)



- Red (87%)
- Yellow (0%)
- Blue (91%)



- Cyan (4%)
- Magenta (100%)
- Yellow (0%)
- Black (9%)





- Cyan (13%)
- Magenta (100%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the YUV color 93.1250, 68.4654, 113.9004 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 93.1250, 68.4654, 113.9004 by changing the saturation by 10% instead.


 93.1250, 68.4654,
113.9004


 93.1250, 68.4654,
113.9004


255.0000, 0.0000,
0.0000


 80.8490, 60.2204,
98.3564


 162.8410, 45.4344,
80.8234


 68.6870, 52.4123,
82.7125


 181.6250, 36.1739,
64.3499


 56.6390, 45.0410,
66.9686


 199.8220, 27.2028,
48.3911

 44.7050, 38.1064,
51.1247

 217.4320, 18.5210,
32.9471

 33.3690, 30.8771,
36.5104

 235.6290, 9.5499,
16.9884

 21.5490, 24.3793,
20.5665

253.8260, 0.5788,

 6.8530, 19.7925,

1.0296

-1.6251

■ 3.4370, 10.6306,
-3.0142

■ 0.0000, 0.0000,
0.0000

■ 93.1250, 68.4654,
113.9004

■ 106.9250, 61.6620,
102.6748

■ 120.7250, 54.8586,
91.4492

■ 135.1120, 47.7658,
79.7088

■ 148.9120, 40.9624,
68.4832

■ 162.4130, 34.3064,
56.6428

■ 176.2130, 27.5030,
45.4172

■ 190.0130, 20.6996,
34.1916

■ 204.4000, 13.6068,
22.4512

■ 218.2000, 6.8034,
11.2256

Harmonies

Analogous

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



104.7250, 74.0856, -55.8868



93.1250, 68.4654, 113.9004



92.5470, 24.8733, 142.4713

Triad

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



93.1250, 68.4654, 113.9004



120.3620, -59.3385, 39.1475



119.6210, 44.5568, -104.9076

Complementary

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



93.1250, 68.4654, 113.9004



138.8750, -68.4654, -113.9004

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.



108.2040, 3.3504, -94.8949



93.1250, 68.4654, 113.9004



106.3330, -52.4222, -32.7410

Square

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



93.1250, 68.4654, 113.9004



111.0450, -54.7452, 106.0775



92.1590, -45.4344, -80.8234



122.9900, 65.0809, -107.8622

Rectangle

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



93.1250, 68.4654, 113.9004



85.5930, -1.7713, 148.5699



92.1590, -45.4344, -80.8234



116.0870, 31.0161, -101.8083

Sweetspot

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



93.1250, 68.4654, 113.9004



209.4910, 22.4359, 37.2804



33.4920, 97.8644, -29.3725



100.4000, 13.6068, 22.4512



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.



93.1250, 68.4654, 113.9004



102.3250, 75.2688, 125.1260



83.9600, 21.7117, 129.8311



107.6570, 3.6201, 5.5628



71.8340, 52.8328, 87.8456



20.4650, 15.0538, 25.0252

Inverse Universe

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



70.3940, -30.2672, 141.7285



77.3850, -33.2208, 155.7684



148.0400, -21.7117, -129.8311



106.7020, -1.3321, 7.2773



54.3190, -23.3283, 109.3452



15.4770, -6.6442, 31.1537

Previews

White Background



This preview shows how the YUV color 93.1250, 68.4654, 113.9004 looks on a white background.

Color Contrast Check

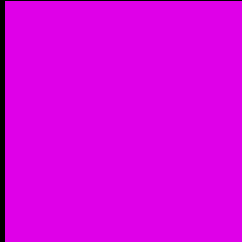
Large Text (above 18pt) WCAG AA ✓ Pass

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 93.1250, 68.4654, 113.9004 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

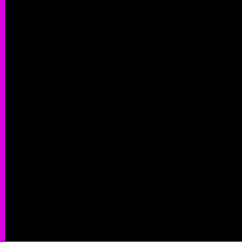
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 93.1250, 68.4654, 113.9004

Background



This preview shows how black text looks on a background with the YUV color 93.1250, 68.4654, 113.9004.

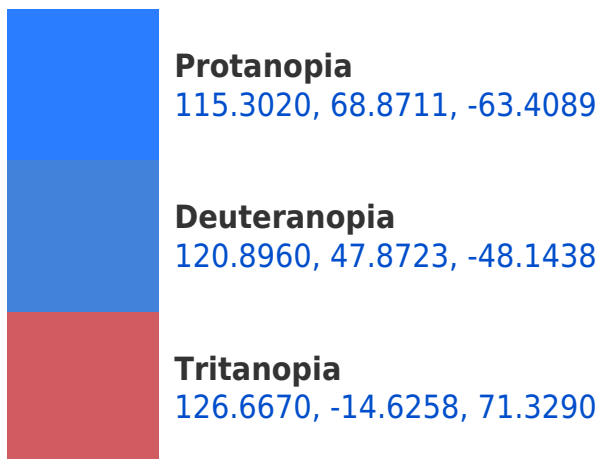


This preview shows how white text looks on a background with the YUV color 93.1250, 68.4654,

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



Trichromacy



Protanomaly

107.4100, 68.8179, 0.5174

Deuteranomaly

110.9200, 55.2554, 10.5942

Tritanomaly

114.3770, 15.5901, 86.4924

Monochromacy



Achromatopsia

93.0000, 0.0000, 0.0000

Achromatomaly

92.9090, 25.1879, 41.2988

CSS Examples

Text

The CSS property to change the color of the text to YUV 93.1250, 68.4654, 113.9004 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(223, 0, 232)` looks like.

```
.text, #text, p{  
    color:rgb(223, 0, 232)  
}
```

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(223, 0, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 0, 232) }
```

Border

The CSS property to change the border of an element to YUV 93.1250, 68.4654, 113.9004 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(223, 0, 232) }
```

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

```
.border{ border-color:rgb(223, 0, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 0, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 0, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 0, 232);  
box-shadow:4px 4px 4px 4px rgb(223, 0,  
232) }
```


Background

The CSS property to change the background color of an element to YUV 93.1250, 68.4654, 113.9004 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 0, 232) }
```

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

```
.background{ background-color: rgb(223, 0,  
232) }
```

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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