

Converting Colors

YUV(179.3110, 28.9337,
53.2243)

Have a look what the booklet for
YUV(179.3110, 28.9337, 53.2243)
contains.

YUV(179.3110, 28.9337, 53.2243)	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(179.3110, 28.9337,
53.2243)**

Conversions

Conversions Part 1

Format	Color
Hex	F089EE
RGB	240, 137, 238
RGB Percent	94%, 54%, 93%
CMY	0.0588, 0.4627, 0.0667
CMYK	0.00, 0.43, 0.01, 0.06
HSL	301°, 77%, 74%
HSV	301°, 43%, 94%
XYZ	60.3135, 42.5896, 85.9307
YIQ	179.3110, 28.9670, 53.2470

Conversions

Conversions Part 2

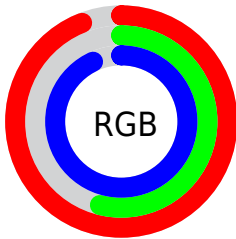
Format	Color
R _Y B	240, 137, 238
Decimal	15763950
CIE Lab	71.28, 53.48, -34.35
CIE LCh	71, 63.557, 327.286
Yxy	42.5896, 0.3194, 0.2255
Android (android.graphics.Color)	4293954030 (0xFFFF089EE)
YUV	179.3110, 28.9337, 53.2243
Hunter-Lab	65.2607, 50.7620, -32.3863

Details

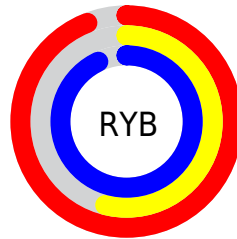
The YUV color **179.3110, 28.9337, 53.2243** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **197.6890, -28.9337, -53.2243**, and the grayscale version is **179.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **218.6060, 17.9422, 31.9175**, and **123.8870, 28.6497, 50.9651** is the 20% darker color. If you saturate the color by 10%, you get **165.2230, 35.8791, 65.5794**, and if you desaturate by 10%, it is **193.3990, 21.9883, 40.8691**.

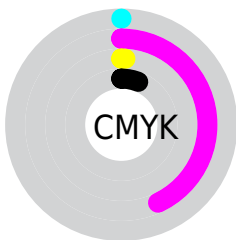
Distribution



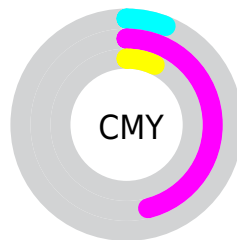
- Red (94%)
- Green (54%)
- Blue (93%)



- Red (94%)
- Yellow (54%)
- Blue (93%)



- Cyan (0%)
- Magenta (43%)
- Yellow (1%)
- Black (6%)





- Cyan (6%)
- Magenta (46%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the YUV color 179.3110, 28.9337, 53.2243 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 179.3110, 28.9337, 53.2243 by changing the saturation by 10% instead.

 179.3110, 28.9337,
53.2243

 179.3110, 28.9337,
53.2243


255.0000, 0.0000,
0.0000


 151.5990, 28.7917,
52.0947


 218.6060, 17.9422,
31.9175


 123.8870, 28.6497,
50.9651


 235.0420, 9.8393,
17.5032

 96.5880, 28.7971,
50.3503

 252.6520, 1.1576,
2.0592

 67.5280, 29.8127,
51.2799

 41.3430, 30.3969,
50.5652

 30.7190, 23.3095,
37.0804

 21.2200, 16.6535,

25.2401

■ 8.8450, 11.9084,
7.1519

■ 0.5700, 2.1840,
-0.4999

■ 179.3110, 28.9337,
53.2243

■ 179.3110, 28.9337,
53.2243

■ 165.2230, 35.8791,
65.5794

■ 193.3990, 21.9883,
40.8691

■ 151.0210, 42.3876,
78.0346

■ 207.6010, 15.4797,
28.4139

■ 136.9330, 49.3330,
90.3898

■ 221.6890, 8.5343,
16.0587

■ 122.7310, 55.8416,
102.8449

■ 235.8910, 2.0257,
3.6036

108.6430, 62.7870,
115.2001

248.8050, -4.3409,
-7.7220

98.5500, 67.2698,
124.0516

248.9190, -3.9041,
-7.8220

249.0330, -3.4673,
-7.9219

Harmonies

Analogous

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



173.5100, 40.1746, -5.7093



179.3110, 28.9337, 53.2243



168.6070, 6.6027, 75.7667

Triad

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



179.3110, 28.9337, 53.2243



168.1660, -58.7488, 36.6884



144.3380, 40.2594, -126.5844

Complementary

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



179.3110, 28.9337, 53.2243



197.6890, -28.9337, -53.2243

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.



137.6120, 14.4883, -120.6857



179.3110, 28.9337, 53.2243



162.6980, -49.1511, -8.5051

Square

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



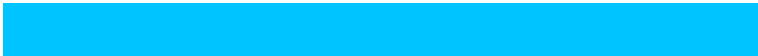
179.3110, 28.9337, 53.2243



171.6000, -46.6378, 72.2648



149.8920, -20.1598, -67.4343



144.1220, 54.6629, -126.3950

Rectangle

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



179.3110, 28.9337, 53.2243



164.7480, -10.7218, 79.1510



149.8920, -20.1598, -67.4343



142.7590, 31.6708, -125.1996

Sweetspot

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



179.3110, 28.9337, 53.2243



235.5150, 9.1131, 17.0883



149.3400, 44.6954, -9.0682



115.5590, 5.6404, 10.9108



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.



179.3110, 28.9337, 53.2243



176.5870, 37.1786, 68.7682



173.4970, 6.6570, 58.3231



112.9560, 3.4727, 6.1776



75.5360, 51.5008, 95.1229



23.0140, 15.7691, 28.9287

Inverse Universe

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



179.3110, 28.9337, 53.2243



176.5870, 37.1786, 68.7682



203.5030, -6.6570, -58.3231



112.9560, 3.4727, 6.1776



75.5360, 51.5008, 95.1229



23.0140, 15.7691, 28.9287

Previews

White Background



This preview shows how the YUV color 179.3110, 28.9337, 53.2243 looks on a white background.

Color Contrast Check

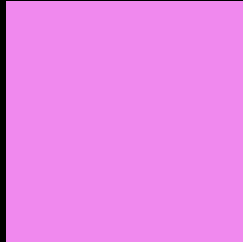
Large Text (above 18pt) WCAG AA × Fail

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 179.3110, 28.9337, 53.2243 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

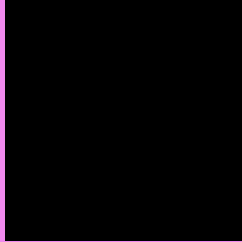
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 179.3110, 28.9337, 53.2243

Background



This preview shows how black text looks on a background with the YUV color 179.3110, 28.9337, 53.2243.



This preview shows how white text looks on a background with the YUV color 179.3110, 28.9337,

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

179.3110, 28.9337, 53.2243

Protanopia

173.9870, 39.9394, -23.6676

Deuteranopia

175.5510, 27.8294, -12.7612



Tritanopia

177.6900, -6.2562, 46.7529

Trichromacy



Original Color

179.3110, 28.9337, 53.2243



Protanomaly

175.8380, 36.0689, 4.5271



Deuteranomaly

176.8190, 28.1902, 11.5597



Tritanomaly

178.1430, 6.8315, 48.9866

Monochromacy



Original Color

179.3110, 28.9337, 53.2243



Achromatopsia

179.0000, 0.0000, 0.0000



Achromatomaly

179.1670, 10.2707, 19.1475

CSS Examples

Text

The CSS property to change the color of the text to YUV 179.3110, 28.9337, 53.2243 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(240, 137, 238)` looks like.

```
.text, #text, p{  
    color:rgb(240, 137, 238)  
}
```

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(240, 137, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 137, 238) }
```

Border

The CSS property to change the border of an element to YUV 179.3110, 28.9337, 53.2243 is called "border". The border property can be set on classes, ids or directly on the HTML element.

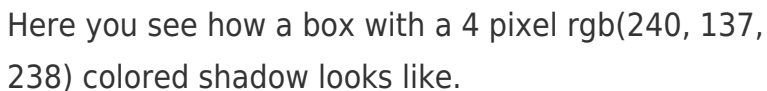
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(240, 137, 238) }
```


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

```
.border{ border-color:rgb(240, 137, 238) }
```

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



Here you see how a box with a 4 pixel `rgb(240, 137, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 137, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 137, 238);  
box-shadow:4px 4px 4px 4px rgb(240, 137,  
238) }
```

Background

The CSS property to change the background color of an element to YUV 179.3110, 28.9337, 53.2243 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 137, 238) }
```

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

```
.background{ background-color: rgb(240,  
137, 238) }
```

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