

Converting Colors

YUV(171.2510, 29.9493,
54.1539)

Have a look what the booklet for
YUV(171.2510, 29.9493, 54.1539)
contains.

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Color

**YUV(171.2510, 29.9493,
54.1539)**

Conversions

Conversions Part 1

Format	Color
Hex	E980E8
RGB	233, 128, 232
RGB Percent	91%, 50%, 91%
CMY	0.0863, 0.4980, 0.0902
CMYK	0.00, 0.45, 0.00, 0.09
HSL	301°, 70%, 71%
HSV	301°, 45%, 91%
XYZ	55.8889, 38.5882, 80.8465
YIQ	171.2510, 29.1960, 54.6040

Conversions

Conversions Part 2

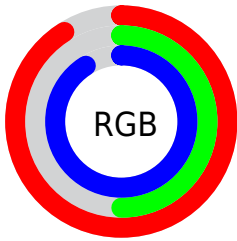
Format	Color
R _Y B	233, 128, 232
Decimal	15302888
CIE _{Lab}	68.45, 54.87, -35.50
CIE _{LCh}	68, 65.354, 327.100
Yxy	38.5882, 0.3188, 0.2201
Android (android.graphics.Color)	4293492968 (0xFFE980E8)
YUV	171.2510, 29.9493, 54.1539
Hunter-Lab	62.1194, 51.8879, -33.6806

Details

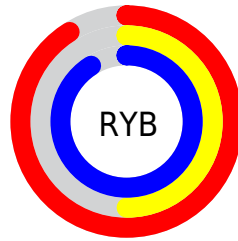
The YUV color **171.2510, 29.9493, 54.1539** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **189.7490, -29.9493, -54.1539**, and the grayscale version is **171.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **213.3230, 20.5468, 36.5507**, and **115.8270, 29.6653, 51.8947** is the 20% darker color. If you saturate the color by 10%, you get **157.7500, 36.6052, 65.9942**, and if you desaturate by 10%, it is **184.7520, 23.2933, 42.3135**.

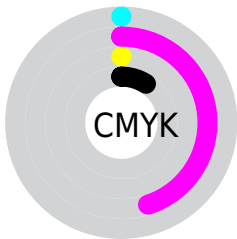
Distribution



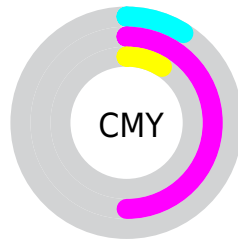
- Red (91%)
- Green (50%)
- Blue (91%)



- Red (91%)
- Yellow (50%)
- Blue (91%)



- Cyan (0%)
- Magenta (45%)
- Yellow (0%)
- Black (9%)





- Cyan (9%)
- Magenta (50%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the YUV color 171.2510, 29.9493, 54.1539 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 171.2510, 29.9493, 54.1539 by changing the saturation by 10% instead.

 171.2510, 29.9493,
54.1539


 171.2510, 29.9493,
54.1539


255.0000, 0.0000,
0.0000


 143.5390, 29.8073,
53.0243


 213.3230, 20.5468,
36.5507


 115.8270, 29.6653,
51.8947


 229.7590, 12.4438,
22.1364

 87.9410, 30.1021,
51.7947

 246.7820, 4.0515,
7.2072

 56.3590, 32.8540,
55.8132

 38.9790, 29.0974,
47.3764

 28.0560, 22.1574,
33.2769

 18.5570, 15.5014,

21.4365

■ 3.1920, 12.2303,
-2.7994

■ 0.0000, 0.0000,
0.0000

■ 171.2510, 29.9493,
54.1539

■ 171.2510, 29.9493,
54.1539

■ 157.7500, 36.6052,
65.9942

■ 184.7520, 23.2933,
42.3135

■ 143.6620, 43.5506,
78.3494

■ 198.8400, 16.3479,
29.9583

■ 130.0470, 49.7698,
90.2898

■ 212.4550, 10.1287,
18.0180

■ 116.5460, 56.4258,
102.1302

■ 225.9560, 3.4727,
6.1776

103.0450, 63.0818,
113.9705

239.4570, -3.1833,
-5.6628

96.0010, 66.5545,
120.1481

245.9140, -6.3666,
-11.3256

246.0280, -5.9298,
-11.4256

Harmonies

Analogous

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



166.4110, 43.6744, -8.2534



171.2510, 29.9493, 54.1539



161.3520, 6.7285, 82.1293

Triad

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



171.2510, 29.9493, 54.1539



159.4820, -61.3696, 37.2883



139.4310, 39.2275, -122.2810

Complementary

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



171.2510, 29.9493, 54.1539



189.7490, -29.9493, -54.1539

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.



132.5910, 13.0196, -116.2823



171.2510, 29.9493, 54.1539



154.2420, -50.8983, -8.1052

Square

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



171.2510, 29.9493, 54.1539



163.0840, -47.3694, 73.5943



140.4570, -20.4383, -71.4378



140.0130, 56.6886, -122.7914

Rectangle

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



171.2510, 29.9493, 54.1539



158.0800, -10.8854, 84.9988



140.4570, -20.4383, -71.4378



137.2650, 30.9284, -120.3814

Sweetspot

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



171.2510, 29.9493, 54.1539



233.8680, 10.4181, 18.5328



139.9700, 45.8638, -10.4977



114.9720, 5.9298, 11.4256



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.



171.2510, 29.9493, 54.1539



173.8800, 39.4992, 71.1422



165.3230, 7.2358, 59.3527



110.5430, 3.1833, 5.6628



74.5250, 51.5062, 93.3786



22.1880, 15.1903, 27.8991

Inverse Universe

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



171.2510, 29.9493, 54.1539



173.8800, 39.4992, 71.1422



195.5630, -7.6726, -59.2528



110.5430, 3.1833, 5.6628



74.5250, 51.5062, 93.3786



22.1880, 15.1903, 27.8991

Previews

White Background



This preview shows how the YUV color 171.2510, 29.9493, 54.1539 looks on a white background.

Color Contrast Check

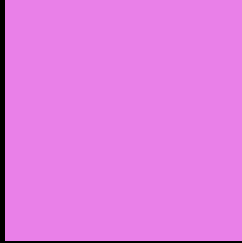
Large Text (above 18pt) WCAG AA × Fail

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 171.2510, 29.9493, 54.1539 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

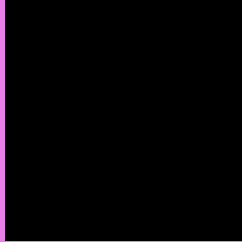
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 171.2510, 29.9493, 54.1539

Background



This preview shows how black text looks on a background with the YUV color 171.2510, 29.9493, 54.1539.



This preview shows how white text looks on a background with the YUV color 171.2510, 29.9493, 54.1539.

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

171.2510, 29.9493, 54.1539

Protanopia

165.7030, 44.0234, -26.9265

Deuteranopia

167.6540, 28.2716, -14.6056



Tritanopia

169.5760, -6.6930, 46.8528

Trichromacy



Original Color

171.2510, 29.9493, 54.1539



Protanomaly

167.9240, 38.9845, 2.6977



Deuteranomaly

169.3350, 28.9218, 10.2302



Tritanomaly

170.4420, 6.6841, 49.6014

Monochromacy



Original Color

171.2510, 29.9493, 54.1539



Achromatopsia

171.0000, 0.0000, 0.0000



Achromatomaly

170.9930, 10.8495, 20.1771

CSS Examples

Text

The CSS property to change the color of the text to YUV 171.2510, 29.9493, 54.1539 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(233, 128, 232)` looks like.

```
.text, #text, p{  
    color:rgb(233, 128, 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(233, 128, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 128, 232) }
```

Border

The CSS property to change the border of an element to YUV 171.2510, 29.9493, 54.1539 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(233, 128, 232) }
```


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

```
.border{ border-color:rgb(233, 128, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 128, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 128, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 128, 232);  
box-shadow:4px 4px 4px 4px rgb(233, 128,  
232) }
```

Background

The CSS property to change the background color of an element to YUV 171.2510, 29.9493, 54.1539 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 128, 232) }
```

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

```
.background{ background-color: rgb(233,  
128, 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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