

Converting Colors

YUV(174.6160, 39.6293,
29.2778)

Have a look what the booklet for
YUV(174.6160, 39.6293, 29.2778)
contains.

YUV(174.6160, 39.6293, 29.2778)	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(174.6160, 39.6293,
29.2778)**

Conversions

Conversions Part 1

Format	Color
Hex	D08EFF
RGB	208, 142, 255
RGB Percent	82%, 56%, 100%
CMY	0.1843, 0.4431, 0.0000
CMYK	0.18, 0.44, 0.00, 0.00
HSL	275°, 100%, 78%
HSV	275°, 44%, 100%
XYZ	53.7354, 39.9759, 99.4917
YIQ	174.6160, 3.0630, 49.1350

Conversions

Conversions Part 2

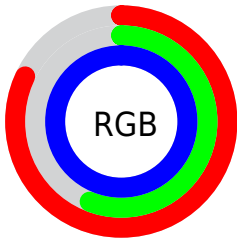
Format	Color
R _Y B	208, 142, 255
Decimal	13668095
CIE Lab	69.45, 45.11, -46.74
CIE LCh	69, 64.961, 313.980
Yxy	39.9759, 0.2781, 0.2069
Android (android.graphics.Color)	4291858175 (0xFFD08EFF)
YUV	174.6160, 39.6293, 29.2778
Hunter-Lab	63.2265, 41.0586, -49.0388

Details

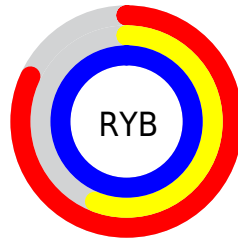
The YUV color **174.6160, 39.6293, 29.2778** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **222.3840, -39.6293, -29.2778**, and the grayscale version is **174.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **220.9540, 16.7847, 29.8583**, and **120.5510, 38.1824, 26.7038** is the 20% darker color. If you saturate the color by 10%, you get **156.6520, 48.4856, 35.3852**, and if you desaturate by 10%, it is **193.1670, 30.4837, 22.6555**.

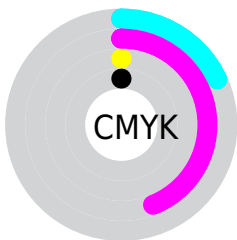
Distribution



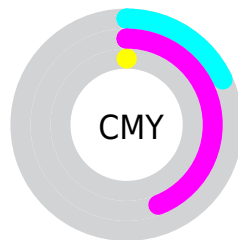
- Red (82%)
- Green (56%)
- Blue (100%)



- Red (82%)
- Yellow (56%)
- Blue (100%)



- Cyan (18%)
- Magenta (44%)
- Yellow (0%)
- Black (0%)





- Cyan (18%)
- Magenta (44%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the YUV color 174.6160, 39.6293, 29.2778 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 174.6160, 39.6293, 29.2778 by changing the saturation by 10% instead.


 174.6160, 39.6293,
29.2778

 174.6160, 39.6293,
29.2778


255.0000, 0.0000,
0.0000

 147.3770, 38.7611,
27.7334


 220.9540, 16.7847,
29.8583


 120.5510, 38.1824,
26.7038


 237.3900, 8.6817,
15.4440


 94.6110, 37.1668,
25.7742

254.4130, 0.2894,
0.5148

 68.7850, 36.5880,
24.7446

 41.3120, 37.3142,
25.1594

 23.6440, 33.6995,
17.8522

 14.0310, 26.6067,

6.1118

■ 6.7770, 18.3509,
-5.9434

■ 3.2090, 9.7570,
-2.8143

■ 174.6160, 39.6293,
29.2778

■ 174.6160, 39.6293,
29.2778

■ 156.6520, 48.4856,
35.3852

■ 193.1670, 30.4837,
22.6555

■ 138.4000, 57.4838,
42.6222

■ 210.8320, 21.7748,
15.9333

■ 120.4360, 66.3401,
48.7296

■ 229.3830, 12.6292,
9.3111

■ 102.1840, 75.3383,
55.9666

■ 247.0480, 3.9203,
2.5889

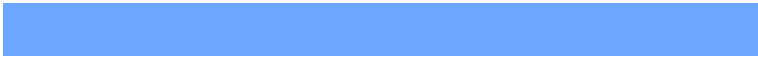
■ 84.2200, 84.1945, 255.0000, 0.0000,
62.0741 0.0000

■ 73.6210, 89.4198,
66.1074

Harmonies

Analogous

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



159.3910, 47.1352, -45.0699



174.6160, 39.6293, 29.2778



169.9410, 16.7911, 74.5967

Triad

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



174.6160, 39.6293, 29.2778



164.1450, -56.7665, 54.2468



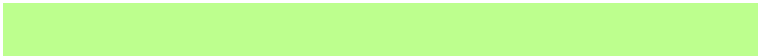
138.5700, 28.3130, -121.5259

Complementary

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



174.6160, 39.6293, 29.2778



222.3840, -39.6293, -29.2778

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.



130.4420, 2.2471, -114.3976



174.6160, 39.6293, 29.2778



159.5390, -57.9467, 12.6823

Square

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



174.6160, 39.6293, 29.2778



163.9890, -36.4766, 79.8166



151.9420, -35.9604, -39.4141



142.9650, 52.7683, -125.3803

Rectangle

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



174.6160, 39.6293, 29.2778



161.8590, 1.0555, 81.6847



151.9420, -35.9604, -39.4141



136.2900, 19.5770, -119.5263

Sweetspot

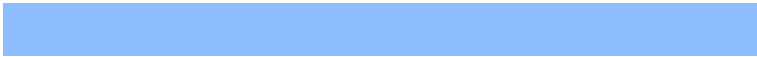
The Sweet Spot groups the original color and five complimentary colors.



174.6160, 39.6293, 29.2778



231.4430, 11.6136, 8.3815



182.4710, 35.7568, -35.4931



112.9820, 7.4039, 5.2778



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.



174.6160, 39.6293, 29.2778



159.0110, 47.3226, 35.0704



187.6430, 28.7700, 59.0721



118.5750, 4.6465, 3.0037



55.2620, 66.9188, 49.7592



18.3590, 22.5010, 16.3482

Inverse Universe

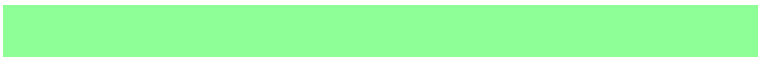
The Inverse Universe completely reimagines the original color for something new.



181.1450, 3.8725, 64.7708



166.7490, 4.5607, 77.3961



209.3570, -28.7700, -59.0721



119.4570, 0.2677, 7.4922



66.2290, 6.7891, 109.4242



22.2140, 2.3595, 36.6463

Previews

White Background



This preview shows how the YUV color 174.6160, 39.6293, 29.2778 looks on a white background.

Color Contrast Check

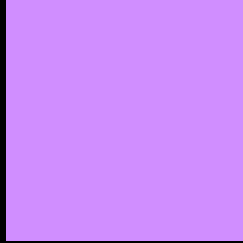
Large Text (above 18pt) WCAG AA × Fail

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 174.6160, 39.6293, 29.2778 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

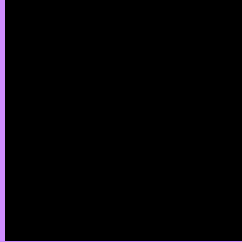
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 174.6160, 39.6293, 29.2778

Background



This preview shows how black text looks on a background with the YUV color 174.6160, 39.6293, 29.2778.



This preview shows how white text looks on a background with the YUV color 174.6160, 39.6293, 29.2778.

29.2778.

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

174.6160, 39.6293, 29.2778

Protanopia

168.3610, 42.7130, -26.6266

Deuteranopia

168.3670, 40.2451, -28.3859



Tritanopia

171.9470, 0.5191, 20.2175

Trichromacy



Original Color

174.6160, 39.6293, 29.2778



Protanomaly

170.5530, 41.6324, -6.6240



Deuteranomaly

170.4990, 40.1800, -7.4536

Tritanomaly

172.7530, 14.9118, 23.8956

Monochromacy



Original Color

174.6160, 39.6293, 29.2778



Achromatopsia

175.0000, 0.0000, 0.0000



Achromatomaly

174.8500, 14.3710, 10.6556

CSS Examples

Text

The CSS property to change the color of the text to YUV 174.6160, 39.6293, 29.2778 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(208, 142, 255)` looks like.

```
.text, #text, p{  
    color:rgb(208, 142, 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(208, 142, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 142, 255) }
```

Border

The CSS property to change the border of an element to YUV 174.6160, 39.6293, 29.2778 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(208, 142, 255) }
```


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

```
.border{ border-color:rgb(208, 142, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 142, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 142, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 142, 255);  
box-shadow:4px 4px 4px 4px rgb(208, 142,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 174.6160, 39.6293, 29.2778 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 142, 255) }
```

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

```
.background{ background-color: rgb(208,  
142, 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](#).

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