

Converting Colors

YUV(196.7550, 28.7148,
30.0329)

Have a look what the booklet for
YUV(196.7550, 28.7148, 30.0329)
contains.

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Color

**YUV(196.7550, 28.7148,
30.0329)**

Conversions

Conversions Part 1

Format	Color
Hex	E7A8FF
RGB	231, 168, 255
RGB Percent	91%, 66%, 100%
CMY	0.0941, 0.3412, 0.0000
CMYK	0.09, 0.34, 0.00, 0.00
HSL	283°, 100%, 83%
HSV	283°, 34%, 100%
XYZ	65.0076, 52.2142, 101.2598
YIQ	196.7550, 9.6210, 40.4130

Conversions

Conversions Part 2

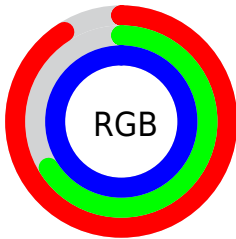
Format	Color
R _Y B	231, 168, 255
Decimal	15182079
CIE _{Lab}	77.41, 37.91, -34.17
CIE _{LCh}	77, 51.036, 317.970
Y _{xy}	52.2142, 0.2975, 0.2390
Android (android.graphics.Color)	4293372159 (0xFFE7A8FF)
YUV	196.7550, 28.7148, 30.0329
Hunter-Lab	72.2594, 34.1323, -32.5038

Details

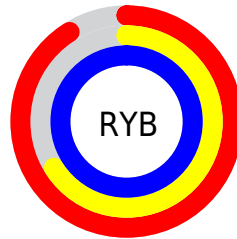
The YUV color **196.7550, 28.7148, 30.0329** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **226.2450, -28.7148, -30.0329**, and the grayscale version is **196.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **236.8030, 8.9711, 15.9588**, and **142.1030, 27.5572, 27.9737** is the 20% darker color. If you saturate the color by 10%, you get **179.9870, 36.9814, 38.5994**, and if you desaturate by 10%, it is **214.1100, 20.1588, 20.9515**.

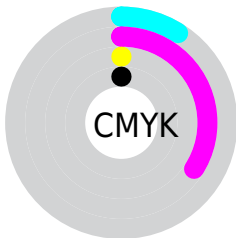
Distribution



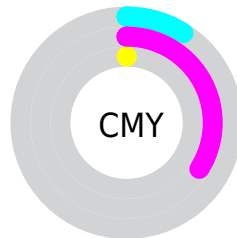
- Red (91%)
- Green (66%)
- Blue (100%)



- Red (91%)
- Yellow (66%)
- Blue (100%)



- Cyan (9%)
- Magenta (34%)
- Yellow (0%)
- Black (0%)





- Cyan (9%)
- Magenta (34%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the YUV color 196.7550, 28.7148, 30.0329 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 196.7550, 28.7148, 30.0329 by changing the saturation by 10% instead.


 196.7550, 28.7148,
30.0329


 196.7550, 28.7148,
30.0329


255.0000, 0.0000,
0.0000


 168.9290, 28.1360,
29.0033


 236.8030, 8.9711,
15.9588


 142.1030, 27.5572,
27.9737

 253.8260, 0.5788,
1.0296

 115.5760, 26.8310,
27.5588

 90.4510, 26.3997,
25.9145

 65.0380, 26.1103,
25.3997

 40.0380, 26.1103,
25.3997

 21.0220, 23.6532,

20.1517

■ 12.1210, 16.7023,
9.5409

■ 3.3230, 10.1938,
-2.9143

■ 196.7550, 28.7148,
30.0329

■ 196.7550, 28.7148,
30.0329

■ 179.9870, 36.9814,
38.5994

■ 214.1100, 20.1588,
20.9515

■ 162.6320, 45.5374,
47.6807

■ 230.8780, 11.8921,
12.3850

■ 145.2770, 54.0934,
56.7621

■ 248.2330, 3.3361,
3.3037

■ 128.5090, 62.3601,
65.3286

■ 255.0000, 0.0000,
0.0000

■ 111.1540, 70.9161,
74.4099

■ 94.3860, 79.1827,
82.9765

■ 84.3850, 84.1132,
88.2394

Harmonies

Analogous

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



187.5870, 33.2346, -19.8088



196.7550, 28.7148, 30.0329



190.8110, 10.4462, 56.2938

Triad

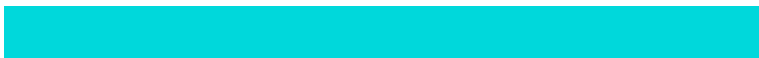
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



196.7550, 28.7148, 30.0329



188.8690, -44.7984, 42.2109



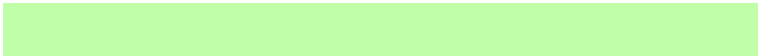
151.7580, 33.1503, -133.0918

Complementary

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



196.7550, 28.7148, 30.0329



226.2450, -28.7148, -30.0329

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.



163.5360, 3.1868, -89.0471



196.7550, 28.7148, 30.0329



184.2190, -42.5060, 6.8239

Square

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



196.7550, 28.7148, 30.0329



187.1220, -31.6121, 59.5290



177.7220, -25.4989, -34.8362



153.5140, 50.0326, -134.6318

Rectangle

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



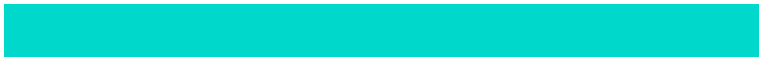
196.7550, 28.7148, 30.0329



185.9890, -2.9526, 60.5226



177.7220, -25.4989, -34.8362



149.9340, 26.1615, -131.4921

Sweetspot

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



196.7550, 28.7148, 30.0329



238.2320, 8.2666, 8.5665



192.5930, 30.7667, -21.5681



117.1130, 5.3673, 5.1629



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.



196.7550, 28.7148, 30.0329



184.6940, 34.6609, 36.2254



201.7650, 16.8779, 46.6871



119.1730, 4.3517, 4.2333



63.0360, 63.0863, 65.7434



21.0500, 21.1744, 21.8811

Inverse Universe

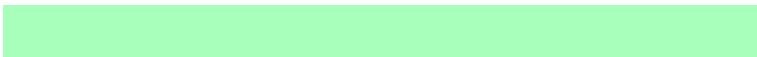
The Inverse Universe completely reimagines the original color for something new.



196.7490, -2.3413, 51.0861



184.7010, -2.8106, 61.6522



221.2350, -16.8779, -46.6871



119.2290, -0.6059, 7.6922



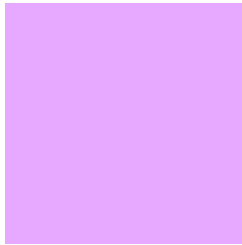
63.1510, -5.0044, 112.1236



21.1880, -1.5717, 37.5461

Previews

White Background



This preview shows how the YUV color 196.7550, 28.7148, 30.0329 looks on a white background.

Color Contrast Check

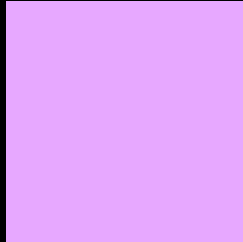
Large Text (above 18pt) WCAG AA × Fail

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 196.7550, 28.7148, 30.0329 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

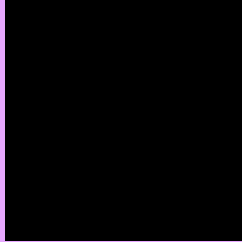
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 196.7550, 28.7148, 30.0329

Background



This preview shows how black text looks on a background with the YUV color 196.7550, 28.7148, 30.0329.



This preview shows how white text looks on a background with the YUV color 196.7550, 28.7148,

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

196.7550, 28.7148, 30.0329

Protanopia

191.4410, 31.3346, -17.0498

Deuteranopia

192.1920, 28.9923, -12.4464



Tritanopia

194.1540, -0.0759, 24.4209

Trichromacy



Original Color

196.7550, 28.7148, 30.0329



Protanomaly

193.0240, 30.5542, -0.0210



Deuteranomaly

193.8780, 28.6541, 2.7380

Tritanomaly

195.2110, 10.2490, 26.1250

Monochromacy



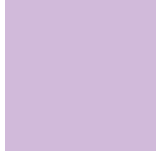
Original Color

196.7550, 28.7148, 30.0329



Achromatopsia

197.0000, 0.0000, 0.0000



Achromatomaly

196.5250, 10.5872, 10.9406

CSS Examples

Text

The CSS property to change the color of the text to YUV 196.7550, 28.7148, 30.0329 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(231, 168, 255)` looks like.

```
.text, #text, p{  
    color:rgb(231, 168, 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(231, 168, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 168, 255) }
```

Border

The CSS property to change the border of an element to YUV 196.7550, 28.7148, 30.0329 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(231, 168, 255) }
```


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

```
.border{ border-color:rgb(231, 168, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 168, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 168, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 168, 255);  
box-shadow:4px 4px 4px 4px rgb(231, 168,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 196.7550, 28.7148, 30.0329 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 168, 255) }
```

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

```
.background{ background-color: rgb(231,  
168, 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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