

Converting Colors

YUV(188.7000, 28.7419,
21.3111)

Have a look what the booklet for
YUV(188.7000, 28.7419, 21.3111)
contains.

YUV(188.7000, 28.7419, 21.3111)	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(188.7000, 28.7419,
21.3111)**

Conversions

Conversions Part 1

Format	Color
Hex	D5A5F7
RGB	213, 165, 247
RGB Percent	84%, 65%, 97%
CMY	0.1647, 0.3529, 0.0314
CMYK	0.14, 0.33, 0.00, 0.03
HSL	275°, 84%, 81%
HSV	275°, 33%, 97%
XYZ	57.6842, 47.7718, 94.1763
YIQ	188.7000, 2.2860, 35.6780

Conversions

Conversions Part 2

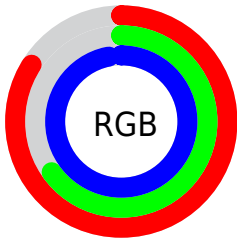
Format	Color
R _Y B	213, 165, 247
Decimal	14001655
CIE _{Lab}	74.68, 32.46, -34.21
CIE _{LCh}	75, 47.161, 313.498
Y _{xy}	47.7718, 0.2890, 0.2393
Android (android.graphics.Color)	4292191735 (0xFFD5A5F7)
YUV	188.7000, 28.7419, 21.3111
Hunter-Lab	69.1171, 28.0186, -32.4042

Details

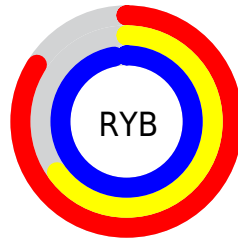
The YUV color **188.7000, 28.7419, 21.3111** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **223.3000, -28.7419, -21.3111**, and the grayscale version is **188.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **234.4550, 10.1287, 18.0180**, and **134.3470, 27.4369, 19.8667** is the 20% darker color. If you saturate the color by 10%, you get **171.0350, 37.4507, 28.0333**, and if you desaturate by 10%, it is **206.3650, 20.0331, 14.5889**.

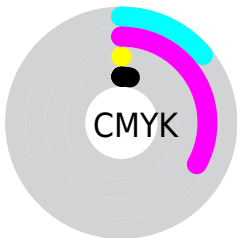
Distribution



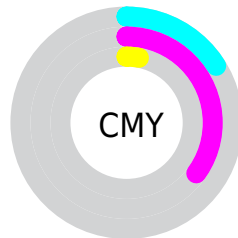
- Red (84%)
- Green (65%)
- Blue (97%)



- Red (84%)
- Yellow (65%)
- Blue (97%)



- Cyan (14%)
- Magenta (33%)
- Yellow (0%)
- Black (3%)




- Cyan (16%)
- Magenta (35%)
- Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the YUV color 188.7000, 28.7419, 21.3111 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 188.7000, 28.7419, 21.3111 by changing the saturation by 10% instead.

 188.7000, 28.7419,
21.3111


 188.7000, 28.7419,
21.3111


255.0000, 0.0000,
0.0000


 161.1730, 28.0157,
20.8963


 234.4550, 10.1287,
18.0180


 134.3470, 27.4369,
19.8667


 251.4780, 1.7363,
3.0888

 108.5210, 26.8581,
18.8371

 83.6950, 26.2794,
17.8075

 59.7550, 25.2638,
16.8779

 35.9290, 24.6850,
15.8483

 16.0380, 22.6593,

12.2447

■ 4.5600, 17.4719,
-3.9991

■ 2.5250, 7.1362,
-2.2144

■ 188.7000, 28.7419,
21.3111

■ 188.7000, 28.7419,
21.3111

■ 171.0350, 37.4507,
28.0333

■ 206.3650, 20.0331,
14.5889

■ 153.9570, 45.8702,
34.2407

■ 223.4430, 11.6136,
8.3815

■ 135.9930, 54.7265,
40.3481

■ 241.4070, 2.7573,
2.2741

■ 118.3280, 63.4353,
47.0703

■ 253.7890, -3.3470,
0.1850

■ 100.6630, 72.1441,
53.7925

■ 254.0880, -3.4944,
0.7998

■ 83.5850, 80.5636,
60.0000

■ 71.5130, 86.5151,
64.4481

Harmonies

Analogous

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



180.1670, 36.8927, -26.4565



188.7000, 28.7419, 21.3111



188.5120, 10.5936, 55.6790

Triad

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



188.7000, 28.7419, 21.3111



182.0200, -40.4359, 42.9555



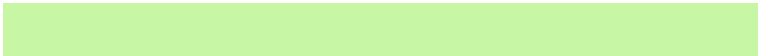
144.0640, 29.0554, -126.3441

Complementary

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



188.7000, 28.7419, 21.3111



223.3000, -28.7419, -21.3111

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.



162.8650, -2.3984, -70.9186



188.7000, 28.7419, 21.3111



178.8220, -40.3382, 11.5571

Square

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



188.7000, 28.7419, 21.3111



183.3550, -28.2760, 62.8327



172.5490, -26.3997, -25.9145



146.7490, 46.9587, -128.6989

Rectangle

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



188.7000, 28.7419, 21.3111



183.6410, -1.7950, 62.5818



172.5490, -26.3997, -25.9145



142.3540, 22.5035, -124.8445

Sweetspot

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



188.7000, 28.7419, 21.3111



237.0360, 8.8563, 6.1074



194.3060, 25.9781, -25.7014



116.5150, 5.6621, 3.9333



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.



188.7000, 28.7419, 21.3111



182.5680, 35.7090, 26.6889



198.0680, 20.6725, 42.9134



113.4610, 4.2097, 3.1037



53.7950, 65.1771, 48.4148



16.8920, 20.7592, 15.0037

Inverse Universe

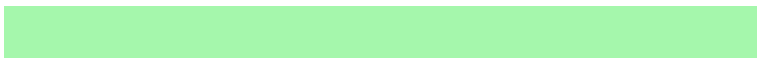
The Inverse Universe completely reimagines the original color for something new.



193.3940, 2.7638, 47.0125



188.2860, 3.3100, 58.5082



213.9320, -20.6725, -42.9134



114.1580, 0.4151, 6.8774



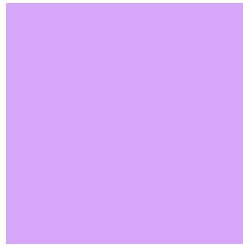
64.3920, 6.2157, 106.6502



20.3770, 1.7861, 33.8724

Previews

White Background



This preview shows how the YUV color 188.7000, 28.7419, 21.3111 looks on a white background.

Color Contrast Check

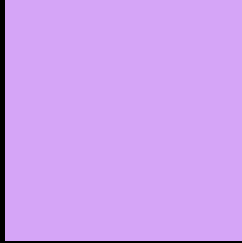
Large Text (above 18pt) WCAG AA × Fail

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 188.7000, 28.7419, 21.3111 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

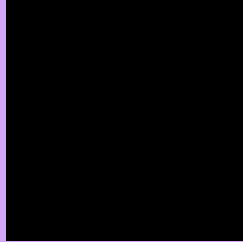
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 188.7000, 28.7419, 21.3111

Background



This preview shows how black text looks on a background with the YUV color 188.7000, 28.7419, 21.3111.



This preview shows how white text looks on a background with the YUV color 188.7000, 28.7419,

21.3111.

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

188.7000, 28.7419, 21.3111

Protanopia

183.7550, 35.1238, -19.0791

Deuteranopia

184.5940, 29.2872, -13.6759



Tritanopia

185.9680, 1.9878, 15.8141

Trichromacy



Original Color

188.7000, 28.7419, 21.3111



Protanomaly

185.5720, 32.7490, -4.0096



Deuteranomaly

185.9700, 29.1018, -0.8507



Tritanomaly

186.9110, 11.8759, 17.6181

Monochromacy



Original Color

188.7000, 28.7419, 21.3111



Achromatopsia

189.0000, 0.0000, 0.0000



Achromatomaly

188.8020, 10.4506, 8.0666

CSS Examples

Text

The CSS property to change the color of the text to YUV 188.7000, 28.7419, 21.3111 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(213, 165, 247)` looks like.

```
.text, #text, p{  
    color:rgb(213, 165, 247)  
}
```

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(213, 165, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 165, 247) }
```

Border

The CSS property to change the border of an element to YUV 188.7000, 28.7419, 21.3111 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(213, 165, 247) }
```


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

```
.border{ border-color:rgb(213, 165, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 165, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 165, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 165, 247);  
box-shadow:4px 4px 4px 4px rgb(213, 165,  
247) }
```

Background

The CSS property to change the background color of an element to YUV 188.7000, 28.7419, 21.3111 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 165, 247) }
```

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

```
.background{ background-color: rgb(213,  
165, 247) }
```

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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