

Converting Colors

YUV(188.5960, 29.7792,
15.2633)

Have a look what the booklet for
YUV(188.5960, 29.7792, 15.2633)
contains.

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Color

**YUV(188.5960, 29.7792,
15.2633)**

Conversions

Conversions Part 1

Format	Color
Hex	CEA8F9
RGB	206, 168, 249
RGB Percent	81%, 66%, 98%
CMY	0.1922, 0.3412, 0.0235
CMYK	0.17, 0.33, 0.00, 0.02
HSL	268°, 87%, 82%
HSV	268°, 33%, 98%
XYZ	56.5551, 47.9666, 95.9002
YIQ	188.5960, -3.3530, 33.2470

Conversions

Conversions Part 2

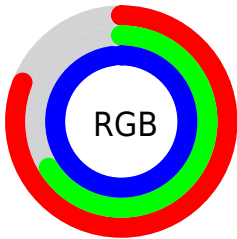
Format	Color
R _Y B	206, 168, 249
Decimal	13543673
CIE Lab	74.80, 29.15, -35.15
CIE LCh	75, 45.668, 309.667
Yxy	47.9666, 0.2822, 0.2393
Android (android.graphics.Color)	4291733753 (0xFFCEA8F9)
YUV	188.5960, 29.7792, 15.2633
Hunter-Lab	69.2579, 24.5593, -33.6172

Details

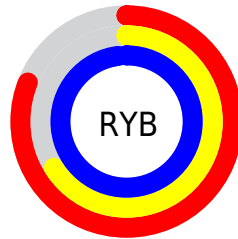
The YUV color **188.5960, 29.7792, 15.2633** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **228.4040, -29.7792, -15.2633**, and the grayscale version is **188.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **236.2160, 9.2605, 16.4736**, and **135.1290, 28.0374, 13.9189** is the 20% darker color. If you saturate the color by 10%, you get **170.0340, 38.9302, 20.1412**, and if you desaturate by 10%, it is **207.1580, 20.6281, 10.3854**.

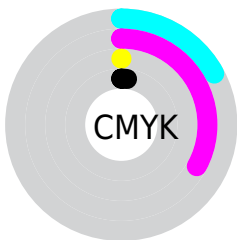
Distribution



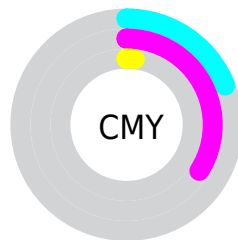
- Red (81%)
- Green (66%)
- Blue (98%)



- Red (81%)
- Yellow (66%)
- Blue (98%)



- Cyan (17%)
- Magenta (33%)
- Yellow (0%)
- Black (2%)





- Cyan (19%)
- Magenta (34%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the YUV color 188.5960, 29.7792, 15.2633 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 188.5960, 29.7792, 15.2633 by changing the saturation by 10% instead.


 188.5960, 29.7792,
15.2633


 188.5960, 29.7792,
15.2633


255.0000, 0.0000,
0.0000


 161.0690, 29.0530,
14.8485


 236.2160, 9.2605,
16.4736


 135.1290, 28.0374,
13.9189

 253.2390, 0.8682,
1.5444

 109.3030, 27.4586,
12.8893

 84.3630, 26.4430,
11.9596

 60.5370, 25.8643,
10.9301

 36.7110, 25.2855,
9.9005

 14.4720, 24.4173,

8.3561

■ 4.6740, 17.9087,
-4.0991

■ 2.7530, 8.0098,
-2.4144

■ 188.5960, 29.7792,
15.2633

■ 188.5960, 29.7792,
15.2633

■ 170.0340, 38.9302,
20.1412

■ 207.1580, 20.6281,
10.3854

■ 151.4720, 48.0813,
25.0191

■ 225.7200, 11.4770,
5.5076

■ 132.6110, 57.3798,
29.2822

■ 244.5810, 2.1786,
1.2445

■ 114.0490, 66.5308,
34.1600

■ 254.3160, -2.6208,
0.5999

■ 95.4870, 75.6819,
39.0379

■ 77.5120, 84.5436,
43.4010

■ 63.3690, 91.5161,
47.0344

Harmonies

Analogous

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



179.8350, 37.0563, -32.3043



188.5960, 29.7792, 15.2633



189.2340, 12.2096, 50.6608

Triad

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



188.5960, 29.7792, 15.2633



183.1990, -38.5521, 45.4295



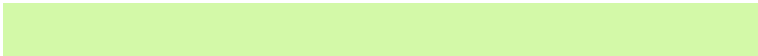
143.3800, 26.4347, -125.7443

Complementary

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



188.5960, 29.7792, 15.2633



228.4040, -29.7792, -15.2633

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.



165.8940, -6.3567, -61.2970



188.5960, 29.7792, 15.2633



179.3710, -39.6229, 15.4606

Square

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



188.5960, 29.7792, 15.2633



184.0390, -25.6552, 62.2328



174.5390, -27.8737, -19.7667



146.6520, 44.0486, -128.6138

Rectangle

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



188.5960, 29.7792, 15.2633



185.4990, 0.2470, 60.9524



174.5390, -27.8737, -19.7667



153.9290, 13.8390, -99.0387

Sweetspot

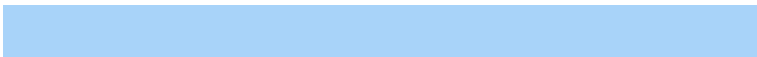
The Sweet Spot groups the original color and five complimentary colors.



188.5960, 29.7792, 15.2633



236.1390, 9.2985, 4.2631



202.4750, 22.9368, -30.2346



115.9170, 5.9569, 2.7038



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.



188.5960, 29.7792, 15.2633



181.0400, 36.4623, 18.3819



200.5560, 23.8829, 39.8544



115.2760, 4.7939, 2.3889



48.1570, 69.4356, 35.8193



15.6250, 22.3699, 11.7299

Inverse Universe

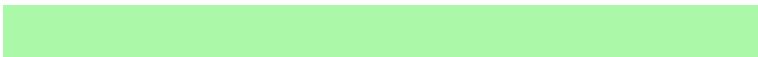
The Inverse Universe completely reimagines the original color for something new.



197.1210, 6.8423, 45.4979



191.5290, 8.1202, 55.6641



216.4440, -23.8829, -39.8544



116.6850, 1.1413, 7.2923



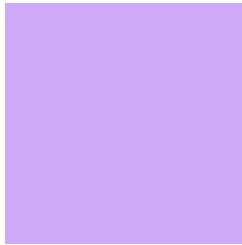
67.9110, 15.8199, 106.1951



21.8870, 4.9857, 34.3021

Previews

White Background



This preview shows how the YUV color 188.5960, 29.7792, 15.2633 looks on a white background.

Color Contrast Check

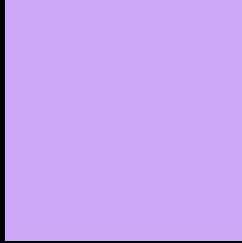
Large Text (above 18pt) WCAG AA × Fail

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 188.5960, 29.7792, 15.2633 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

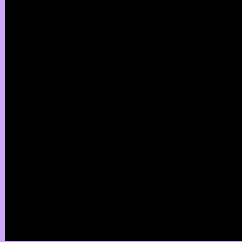
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 188.5960, 29.7792, 15.2633

Background



This preview shows how black text looks on a background with the YUV color 188.5960, 29.7792, 15.2633.



This preview shows how white text looks on a background with the YUV color 188.5960, 29.7792, 15.2633.

15.2633.

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

188.5960, 29.7792, 15.2633

Protanopia

184.3420, 34.8344, -19.5939

Deuteranopia

184.5230, 30.3082, -14.4907



Tritanopia

185.9780, 3.4618, 9.6663

Trichromacy



Original Color

188.5960, 29.7792, 15.2633

Protanomaly

185.9630, 33.0492, -6.9836

Deuteranomaly

185.8880, 30.1282, -3.4098

Tritanomaly

186.8070, 12.9131, 11.5703

Monochromacy



Original Color

188.5960, 29.7792, 15.2633

Achromatopsia

189.0000, 0.0000, 0.0000

Achromatomaly

188.6060, 11.0402, 5.6075

CSS Examples

Text

The CSS property to change the color of the text to YUV 188.5960, 29.7792, 15.2633 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(206, 168, 249)` looks like.

```
.text, #text, p{  
    color:rgb(206, 168, 249)  
}
```

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(206, 168, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 168, 249) }
```

Border

The CSS property to change the border of an element to YUV 188.5960, 29.7792, 15.2633 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(206, 168, 249) }
```


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

```
.border{ border-color:rgb(206, 168, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 168, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 168, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 168, 249);  
box-shadow:4px 4px 4px 4px rgb(206, 168,  
249) }
```

Background

The CSS property to change the background color of an element to YUV 188.5960, 29.7792, 15.2633 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 168, 249) }
```

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

```
.background{ background-color: rgb(206,  
168, 249) }
```

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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