

Converting Colors

YUV(133.9000, 28.6433, 6.2267)

Have a look what the booklet for
YUV(133.9000, 28.6433, 6.2267)
contains.

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Color

**YUV(133.9000, 28.6433,
6.2267)**

Conversions

Conversions Part 1

Format	Color
Hex	8D77C0
RGB	141, 119, 192
RGB Percent	55%, 47%, 75%
CMY	0.4471, 0.5333, 0.2471
CMYK	0.27, 0.38, 0.00, 0.25
HSL	258°, 37%, 61%
HSV	258°, 38%, 75%
XYZ	27.0958, 22.6621, 52.8153
YIQ	133.9000, -10.3210, 27.3670

Conversions

Conversions Part 2

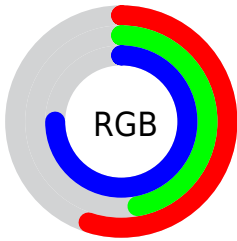
Format	Color
RYB	141, 119, 192
Decimal	9271232
CIELab	54.72, 24.23, -35.21
CIElCh	55, 42.742, 304.539
Yxy	22.6621, 0.2642, 0.2209
Android (android.graphics.Color)	4287461312 (0xFF8D77C0)
YUV	133.9000, 28.6433, 6.2267
Hunter-Lab	47.6048, 18.2906, -32.4562

Details

The YUV color **133.9000, 28.6433, 6.2267** is a light color, and the websafe version is hex **666699**. A complement of this color would be **177.1000, -28.6433, -6.2267**, and the grayscale version is **134.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **187.3670, 30.3851, 7.5711**, and **83.4330, 26.9015, 4.8823** is the 20% darker color. If you saturate the color by 10%, you get **118.8600, 36.0580, 8.0158**, and if you desaturate by 10%, it is **148.9400, 21.2286, 4.4376**.

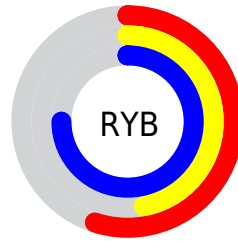
Distribution



Red (55%)

Green (47%)

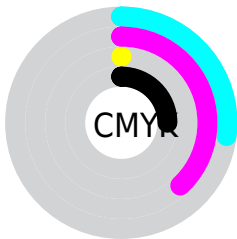
Blue (75%)



Red (55%)

Yellow (47%)

Blue (75%)

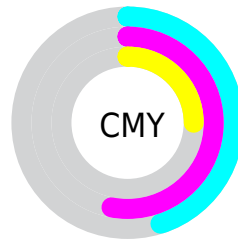


Cyan (27%)

Magenta (38%)

Yellow (0%)

Black (25%)



Cyan (45%)

Magenta (53%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YUV color 133.9000, 28.6433, 6.2267 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 133.9000, 28.6433, 6.2267 by changing the saturation by 10% instead.

■ 133.9000, 28.6433,
6.2267

■ 133.9000, 28.6433,
6.2267

255.0000, 0.0000,
0.0000

■ 108.3730, 27.9171,
5.8119

■ 187.3670, 30.3851,
7.5711

■ 83.4330, 26.9015,
4.8823

■ 212.8590, 20.7755,
9.7707

■ 59.7810, 25.7440,
2.8231

■ 237.9660, 8.3978,
13.1848

■ 36.6560, 25.3126,
1.1787

■ 12.6450, 25.3180,
-0.5657

■ 5.8480, 17.3299,
-5.1287

■ 2.7530, 8.0098,

-2.4144

■ 0.0000, 0.0000,
0.0000

■ 133.9000, 28.6433,
6.2267

■ 133.9000, 28.6433,
6.2267

■ 118.8600, 36.0580,
8.0158

■ 148.9400, 21.2286,
4.4376

■ 103.5210, 43.6201,
9.1901

■ 164.2790, 13.6665,
3.2633

■ 87.8940, 51.3243,
11.4940

■ 179.9060, 5.9623,
0.9594

■ 72.5550, 58.8864,
12.6683

■ 195.2450, -1.5998,
-0.2149

■ 57.5150, 66.3011,
14.4573

■ 210.2850, -9.0145,
-2.0039

■ 42.4750, 73.7158,
16.2464

■ 225.3250,
-16.4292, -3.7930

■ 39.2300, 75.3156,
16.4613

■ 240.6640,
-23.9914, -4.9673

■ 245.7250,
-26.4864, 1.9952

■ 247.8180,
-27.5183, 6.2986

Harmonies

Analogous

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



123.7520, 39.5623, -42.7555



133.9000, 28.6433, 6.2267



134.3360, 14.1314, 40.9243

Triad

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



133.9000, 28.6433, 6.2267



129.7840, -32.4315, 42.2854



103.5540, 15.9959, -90.8169

Complementary

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



133.9000, 28.6433, 6.2267



177.1000, -28.6433, -6.2267

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.



114.5040, -8.1365, -50.4310



133.9000, 28.6433, 6.2267



127.0060, -35.9920, 17.5347

Square

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



133.9000, 28.6433, 6.2267



130.9120, -19.6766, 57.9592



123.1100, -27.1692, -12.3745



106.4840, 32.2994, -93.3865

Rectangle

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



133.9000, 28.6433, 6.2267



132.8510, 3.0315, 54.5047



123.1100, -27.1692, -12.3745



101.4850, 10.6069, -89.0023

Sweetspot

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



133.9000, 28.6433, 6.2267



227.8830, 10.9037, 2.7336



157.2590, 17.1273, -33.5531



112.3190, 6.2517, 1.4742



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



133.9000, 28.6433, 6.2267



158.5750, 45.0725, 10.0197



144.6640, 23.3366, 28.3587



89.0370, 3.9258, 0.8446



32.7060, 63.2489, 13.4128



6.7520, 12.9403, 2.8485

Inverse Universe

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



146.6410, 11.5160, 39.7798



178.5050, 17.9920, 62.7011



166.3360, -23.3366, -28.3587



90.7880, 1.5835, 5.4479



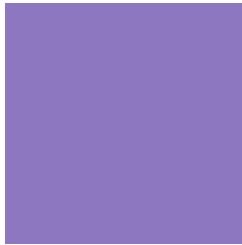
60.9070, 25.1888, 87.7816



12.4890, 5.1819, 17.9881

Previews

White Background



This preview shows how the YUV color 133.9000, 28.6433, 6.2267 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 133.9000, 28.6433, 6.2267 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 × Fail

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

YUV 133.9000, 28.6433, 6.2267

Background



This preview shows how black text looks on a background with the YUV color 133.9000, 28.6433, 6.2267.



This preview shows how white text looks on a background with the YUV color 133.9000, 28.6433,

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

133.9000, 28.6433, 6.2267

Protanopia

130.2170, 34.4030, -21.2383

Deuteranopia

129.9630, 29.5982, -20.1386



Tritanopia

131.4390, 4.2206, -0.3850

Trichromacy



Original Color

133.9000, 28.6433, 6.2267

Protanomaly

131.4140, 32.3339, -10.8871

Deuteranomaly

131.3170, 29.4237, -10.8020

Tritanomaly

132.4530, 13.0877, 2.2337

Monochromacy



Original Color

133.9000, 28.6433, 6.2267

Achromatopsia

134.0000, 0.0000, 0.0000

Achromatomaly

134.3560, 10.1775, 2.3188

CSS Examples

Text

The CSS property to change the color of the text to YUV 133.9000, 28.6433, 6.2267 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(141, 119, 192)` looks like.

```
.text, #text, p{  
    color:rgb(141, 119, 192)  
}
```

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(141, 119, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 119, 192) }
```

Border

The CSS property to change the border of an element to YUV 133.9000, 28.6433, 6.2267 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(141, 119, 192) }
```


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

```
.border{ border-color:rgb(141, 119, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 119, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 119, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 119, 192);  
box-shadow:4px 4px 4px 4px rgb(141, 119,  
192) }
```

Background

The CSS property to change the background color of an element to YUV 133.9000, 28.6433, 6.2267 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 119, 192) }
```

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

```
.background{ background-color: rgb(141,  
119, 192) }
```

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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