

Converting Colors

YUV(199.8300, -32.9472,
-72.6419)

Have a look what the booklet for
YUV(199.8300, -32.9472, -72.6419)
contains.

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Color

**YUV(199.8300, -32.9472,
-72.6419)**

Conversions

Conversions Part 1

Format	Color
Hex	75FF85
RGB	117, 255, 133
RGB Percent	46%, 100%, 52%
CMY	0.5412, 0.0000, 0.4784
CMYK	0.54, 0.00, 0.48, 0.00
HSL	127°, 100%, 73%
HSV	127°, 54%, 100%
XYZ	47.3298, 76.9954, 34.5574
YIQ	199.8300, -43.0860, -67.1980

Conversions

Conversions Part 2

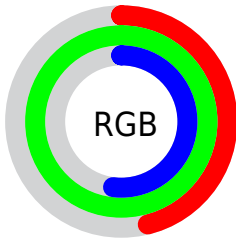
Format	Color
RYB	117, 241, 255
Decimal	7733125
CIELab	90.32, -61.96, 46.89
CIELCh	90, 77.703, 142.886
Yxy	76.9954, 0.2979, 0.4846
Android (android.graphics.Color)	4285923205 (0xFF75FF85)
YUV	199.8300, -32.9472, -72.6419
Hunter-Lab	87.7470, -57.2763, 38.0728

Details

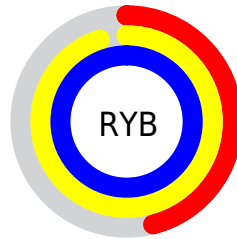
The YUV color **199.8300, -32.9472, -72.6419** is a light color, and the websafe version is hex **66FF99**. A complement of this color would be **172.1700, 32.9472, 72.6419**, and the grayscale version is **200.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **224.3390, -17.9151, -40.6393**, and **139.1110, -29.1417, -79.9043** is the 20% darker color. If you saturate the color by 10%, you get **189.4340, -39.1610, -86.3266**, and if you desaturate by 10%, it is **210.2260, -26.7334, -58.9572**.

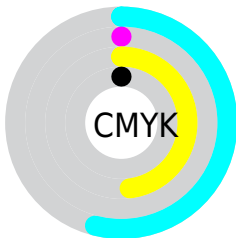
Distribution



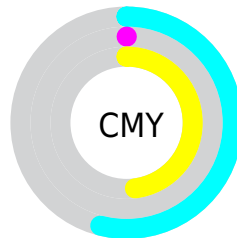
- Red (46%)
- Green (100%)
- Blue (52%)



- Red (46%)
- Yellow (95%)
- Blue (100%)



- Cyan (54%)
- Magenta (0%)
- Yellow (48%)
- Black (0%)



- Cyan (54%)
- Magenta (0%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the YUV color 199.8300, -32.9472, -72.6419 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 199.8300, -32.9472, -72.6419 by changing the saturation by 10% instead.

199.8300,
-32.9472, -72.6419

199.8300,
-32.9472, -72.6419

255.0000, 0.0000,
0.0000

170.1610,
-31.6314, -74.6862

224.3390,
-17.9151, -40.6393

139.1110,
-29.1417, -79.9043

236.5010,
-10.1070, -24.9954

105.3590,
-25.3200, -92.3998

249.0760, -2.0095,
-8.8367

86.4320, -29.3000,
-75.8009

67.5050, -33.2800,
-59.2019

52.2430, -25.7558,
-45.8171

37.5680, -18.5210,

-32.9471

■ 24.0670, -11.8650,
-21.1068

■ 1.1740, -0.5788,
-1.0296

■ 199.8300,
-32.9472, -72.6419

■ 199.8300,
-32.9472, -72.6419

■ 189.4340,
-39.1610, -86.3266

■ 210.2260,
-26.7334, -58.9572

■ 179.4510,
-45.0853, -99.4965

■ 220.2090,
-20.8090, -45.7873

■ 169.0550,
-51.2991, -113.1812

■ 230.6050,
-14.5953, -32.1026

■ 159.0720,
-57.2235, -126.3511

■ 240.5880, -8.6709,
-18.9327

■ 153.1050,
-60.6908, -134.2731

■ 250.6850, -2.3097,
-5.8627

255.0000, 0.0000,
0.0000

Harmonies

Analogous

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



212.8610, -66.4865, -1.6321



199.8300, -32.9472, -72.6419



173.1690, 16.1857, -151.8692

Triad

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



199.8300, -32.9472, -72.6419



170.5370, 41.6403, -149.5609



191.7620, -8.7567, 55.4597

Complementary

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



199.8300, -32.9472, -72.6419



172.1700, 32.9472, 72.6419

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.



199.0240, 24.1452, 49.0910



199.8300, -32.9472, -72.6419



214.4770, 19.9778, -14.4503

Square

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



199.8300, -32.9472, -72.6419



178.7550, 37.5888, -156.7681



212.7360, 20.8362, 37.0655



199.1410, -43.9465, 48.9883

Rectangle

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



199.8300, -32.9472, -72.6419



178.7550, 37.5888, -156.7681



212.7360, 20.8362, 37.0655



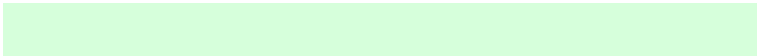
192.1500, 2.8841, 55.1195

Sweetspot

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



199.8300, -32.9472, -72.6419



238.6370, -9.6810, -21.6066



235.0820, -58.2144, 5.1901



118.0170, -5.9244, -13.1699



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.



199.8300, -32.9472, -72.6419



188.6080, -39.7397, -87.3562



207.4680, -3.6817, -79.3404



122.7450, -3.3253, -6.7924



114.6250, -45.6641, -100.5261



38.3660, -15.4634, -33.6470

Inverse Universe

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



172.1700, 32.9472, 72.6419



155.3920, 39.7397, 87.3562



164.5320, 3.6817, 79.3404



120.1410, 2.8885, 6.8923



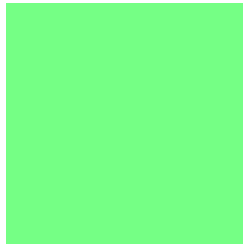
76.3750, 45.6641, 100.5261



25.5200, 15.0266, 33.7470

Previews

White Background



This preview shows how the YUV color 199.8300, -32.9472, -72.6419 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 199.8300, -32.9472, -72.6419 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

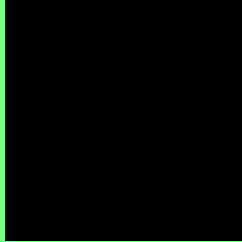
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

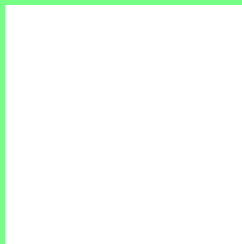
Any Text WCAG AAA ✓ Pass

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

YUV 199.8300, -32.9472, -72.6419 Background



This preview shows how black text looks on a background with the YUV color 199.8300, -32.9472, -72.6419.



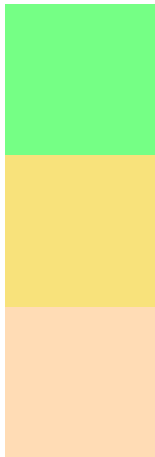
This preview shows how white text looks on a background with the YUV color 199.8300, -32.9472, -72.6419.

-72.6419.

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

199.8300, -32.9472, -72.6419

Protanopia

220.8360, -48.2331, 23.8228

Deuteranopia

226.0190, -22.1944, 25.4163



Tritanopia

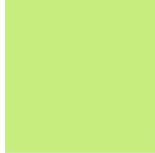
217.5130, 18.4811, -47.8079

Trichromacy



Original Color

199.8300, -32.9472, -72.6419



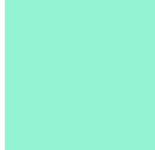
Protanomaly

213.3970, -42.5937, -11.7492



Deuteranomaly

216.7620, -26.0117, -10.3153



Tritanomaly

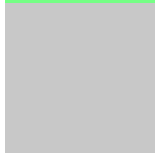
210.9360, 0.0316, -56.9489

Monochromacy



Original Color

199.8300, -32.9472, -72.6419



Achromatopsia

200.0000, 0.0000, 0.0000



Achromatomaly

200.0340, -11.8488, -26.3398

CSS Examples

Text

The CSS property to change the color of the text to YUV 199.8300, -32.9472, -72.6419 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(117, 255, 133)` looks like.

```
.text, #text, p{  
    color:rgb(117, 255, 133)  
}
```

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(117, 255, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 255, 133) }
```

Border

The CSS property to change the border of an element to YUV 199.8300, -32.9472, -72.6419 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(117, 255, 133) }
```


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

```
.border{ border-color:rgb(117, 255, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 255, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 255, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 255, 133);  
box-shadow:4px 4px 4px 4px rgb(117, 255,  
133) }
```

Background

The CSS property to change the background color of an element to YUV 199.8300, -32.9472, -72.6419 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 255, 133) }
```

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

```
.background{ background-color: rgb(117,  
255, 133) }
```

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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