

Converting Colors

YUV(183.9650, 33.5413,
21.9557)

Have a look what the booklet for
YUV(183.9650, 33.5413, 21.9557)
contains.

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Color

**YUV(183.9650, 33.5413,
21.9557)**

Conversions

Conversions Part 1

Format	Color
Hex	D19EFC
RGB	209, 158, 252
RGB Percent	82%, 62%, 99%
CMY	0.1804, 0.3804, 0.0118
CMYK	0.17, 0.37, 0.00, 0.01
HSL	273°, 94%, 80%
HSV	273°, 37%, 99%
XYZ	56.0920, 45.0373, 97.8322
YIQ	183.9650, 0.2220, 40.0460

Conversions

Conversions Part 2

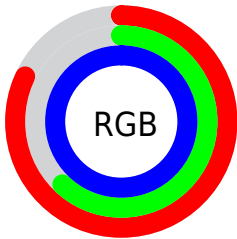
Format	Color
R _{YB}	209, 158, 252
Decimal	13737724
CIE Lab	72.92, 36.14, -39.69
CIE LCh	73, 53.673, 312.318
Yxy	45.0373, 0.2819, 0.2264
Android (android.graphics.Color)	4291927804 (0xFFD19EFC)
YUV	183.9650, 33.5413, 21.9557
Hunter-Lab	67.1098, 31.7524, -39.4556

Details

The YUV color **183.9650, 33.5413, 21.9557** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **226.0350, -33.5413, -21.9557**, and the grayscale version is **184.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **230.3460, 12.1544, 21.6216**, and **130.1990, 31.9469, 19.9965** is the 20% darker color. If you saturate the color by 10%, you get **165.7020, 42.5449, 27.4483**, and if you desaturate by 10%, it is **202.2280, 24.5376, 16.4630**.

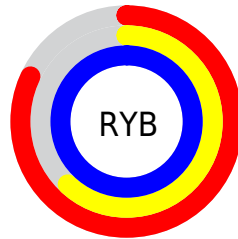
Distribution



Red (82%)

Green (62%)

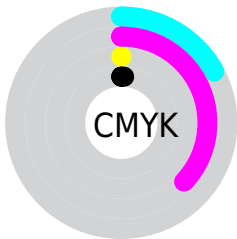
Blue (99%)



Red (82%)

Yellow (62%)

Blue (99%)

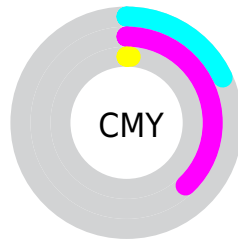


Cyan (17%)

Magenta (37%)

Yellow (0%)

Black (1%)



Cyan (18%)


Magenta (38%)


Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the YUV color 183.9650, 33.5413, 21.9557 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 183.9650, 33.5413, 21.9557 by changing the saturation by 10% instead.


 183.9650, 33.5413,
21.9557

 183.9650, 33.5413,
21.9557


255.0000, 0.0000,
0.0000


 156.4380, 32.8151,
21.5409


 230.3460, 12.1544,
21.6216


 130.1990, 31.9469,
19.9965

 247.3690, 3.7621,
6.6924

 104.3730, 31.3681,
18.9669

 79.4330, 30.3525,
18.0373

 54.6070, 29.7737,
17.0077

 29.3080, 29.9212,
16.3929

 14.9990, 25.1435,

8.7709

■ 4.9020, 18.7823,
-4.2991

■ 2.9810, 8.8834,
-2.6143

■ 183.9650, 33.5413,
21.9557

■ 183.9650, 33.5413,
21.9557

■ 165.7020, 42.5449,
27.4483

■ 202.2280, 24.5376,
16.4630

■ 147.7380, 51.4012,
33.5558

■ 220.1920, 15.6813,
10.3556

■ 128.8880, 60.6942,
39.5632

■ 239.0420, 6.3883,
4.3482

■ 110.9240, 69.5505,
45.6707

■ 254.6580, -1.3104,
0.2999

■ 92.6610, 78.5541,
51.1633

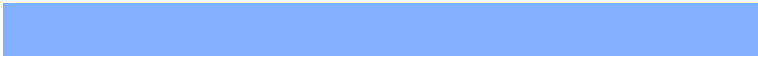
■ 74.6970, 87.4104,
57.2707

■ 69.6910, 89.8783,
59.0300

Harmonies

Analogous

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



172.4370, 40.7036, -35.4632



183.9650, 33.5413, 21.9557



183.5390, 13.0453, 62.6713

Triad

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



183.9650, 33.5413, 21.9557



176.3860, -45.5463, 48.7735



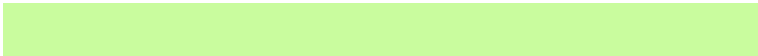
142.3200, 27.4502, -124.8146

Complementary

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



183.9650, 33.5413, 21.9557



226.0350, -33.5413, -21.9557

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.



151.1790, -2.0602, -86.1030



183.9650, 33.5413, 21.9557



172.6390, -46.1640, 13.4716

Square

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



183.9650, 33.5413, 21.9557



176.2310, -30.1869, 69.0804



166.2730, -31.1936, -28.3034



145.8030, 48.4111, -127.8692

Rectangle

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



183.9650, 33.5413, 21.9557



176.8420, 0.0779, 68.5446



166.2730, -31.1936, -28.3034



140.3820, 20.0247, -123.1150

Sweetspot

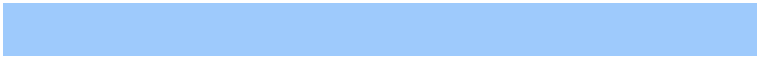
The Sweet Spot groups the original color and five complimentary colors.



183.9650, 33.5413, 21.9557



234.6770, 10.0192, 6.4223



194.5440, 28.3258, -32.0491



115.6290, 6.0989, 3.8334



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.



183.9650, 33.5413, 21.9557



171.9470, 40.9451, 27.2335



196.4800, 25.8924, 48.6910



115.5750, 4.6465, 3.0037



52.0440, 67.5193, 43.8114



16.8210, 21.7802, 14.1890

Inverse Universe

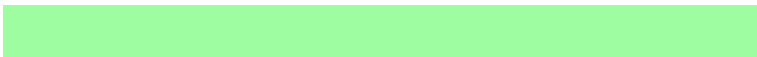
The Inverse Universe completely reimagines the original color for something new.



191.0080, 4.9261, 53.4900



180.4270, 6.1985, 65.4005



213.5200, -25.8924, -48.6910



116.5710, 0.7045, 7.3922



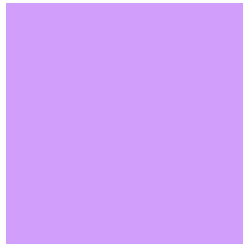
66.3150, 9.7047, 107.5947



21.4310, 3.2385, 34.7020

Previews

White Background



This preview shows how the YUV color 183.9650, 33.5413, 21.9557 looks on a white background.

Color Contrast Check

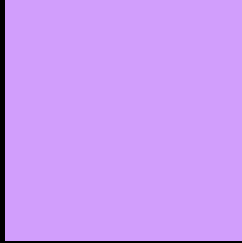
Large Text (above 18pt) WCAG AA × Fail

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 183.9650, 33.5413, 21.9557 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

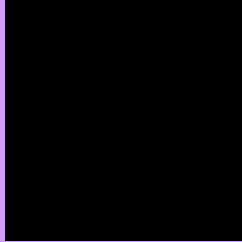
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 183.9650, 33.5413, 21.9557

Background



This preview shows how black text looks on a background with the YUV color 183.9650, 33.5413, 21.9557.



This preview shows how white text looks on a background with the YUV color 183.9650, 33.5413,

21.9557.

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

183.9650, 33.5413, 21.9557

Protanopia

179.0150, 37.4606, -21.9382

Deuteranopia

178.8150, 34.1082, -20.0088



Tritanopia

181.2560, 1.8458, 14.6845

Trichromacy



Original Color

183.9650, 33.5413, 21.9557



Protanomaly

180.7720, 36.1014, -5.9390



Deuteranomaly

180.5010, 33.7700, -4.8244



Tritanomaly

182.2530, 13.1863, 17.3181

Monochromacy



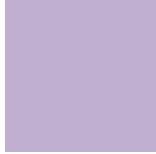
Original Color

183.9650, 33.5413, 21.9557



Achromatopsia

184.0000, 0.0000, 0.0000



Achromatomaly

184.2580, 12.1978, 7.6667

CSS Examples

Text

The CSS property to change the color of the text to YUV 183.9650, 33.5413, 21.9557 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(209, 158, 252)` looks like.

```
.text, #text, p{  
    color:rgb(209, 158, 252)  
}
```

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(209, 158, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 158, 252) }
```

Border

The CSS property to change the border of an element to YUV 183.9650, 33.5413, 21.9557 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(209, 158, 252) }
```


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

```
.border{ border-color:rgb(209, 158, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 158, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 158, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 158, 252);  
box-shadow:4px 4px 4px 4px rgb(209, 158,  
252) }
```

Background

The CSS property to change the background color of an element to YUV 183.9650, 33.5413, 21.9557 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 158, 252) }
```

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

```
.background{ background-color: rgb(209,  
158, 252) }
```

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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