

Converting Colors

YUV(151.4850, 28.3549,
52.1947)

Have a look what the booklet for
YUV(151.4850, 28.3549, 52.1947)
contains.

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Color

**YUV(151.4850, 28.3549,
52.1947)**

Conversions

Conversions Part 1

Format	Color
Hex	D36ED1
RGB	211, 110, 209
RGB Percent	83%, 43%, 82%
CMY	0.1725, 0.5686, 0.1804
CMYK	0.00, 0.48, 0.01, 0.17
HSL	301°, 53%, 63%
HSV	301°, 48%, 83%
XYZ	43.9485, 29.6042, 63.7194
YIQ	151.4850, 28.4170, 52.2010

Conversions

Conversions Part 2

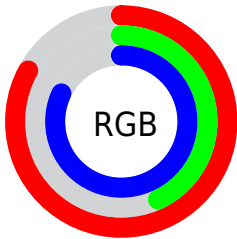
Format	Color
R _Y B	211, 110, 209
Decimal	13856465
CIE Lab	61.31, 53.40, -33.99
CIE LCh	61, 63.303, 327.520
Yxy	29.6042, 0.3202, 0.2157
Android (android.graphics.Color)	4292046545 (0xFFD36ED1)
YUV	151.4850, 28.3549, 52.1947
Hunter-Lab	54.4097, 48.9632, -31.3479

Details

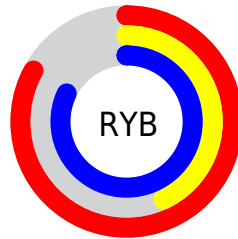
The YUV color **151.4850, 28.3549, 52.1947** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **169.5150, -28.3549, -52.1947**, and the grayscale version is **151.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **202.1700, 26.0452, 46.3319**, and **96.4740, 28.3603, 50.4503** is the 20% darker color. If you saturate the color by 10%, you get **139.1580, 34.4321, 63.0054**, and if you desaturate by 10%, it is **163.8120, 22.2777, 41.3839**.

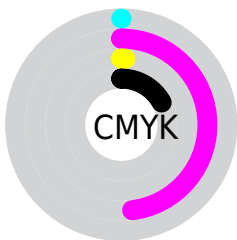
Distribution



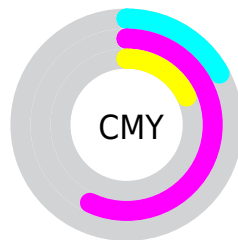
- Red (83%)
- Green (43%)
- Blue (82%)



- Red (83%)
- Yellow (43%)
- Blue (82%)



- Cyan (0%)
- Magenta (48%)
- Yellow (1%)
- Black (17%)





- Cyan (17%)
- Magenta (57%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YUV color 151.4850, 28.3549, 52.1947 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 151.4850, 28.3549, 52.1947 by changing the saturation by 10% instead.


 151.4850, 28.3549,
52.1947


 151.4850, 28.3549,
52.1947


255.0000, 0.0000,
0.0000

 123.7730, 28.2129,
51.0651


 202.1700, 26.0452,
46.3319


 96.4740, 28.3603,
50.4503


 218.6060, 17.9422,
31.9175


 67.8270, 29.6653,
51.8947

 235.6290, 9.5499,
16.9884

 41.5280, 29.8127,
51.2799

 252.6520, 1.1576,
2.0592

 30.7190, 23.3095,
37.0804

 21.2200, 16.6535,
25.2401

 8.7310, 11.4716,

7.2519

■ 0.4560, 1.7472,
-0.3999

■ 0.0000, 0.0000,
0.0000

■ 151.4850, 28.3549,
52.1947

■ 151.4850, 28.3549,
52.1947

■ 139.1580, 34.4321,
63.0054

■ 163.8120, 22.2777,
41.3839

■ 126.7170, 40.0725,
73.9162

■ 176.2530, 16.6373,
30.4731

■ 114.3900, 46.1497,
84.7270

■ 188.5800, 10.5601,
19.6623

■ 101.9490, 51.7901,
95.6377

■ 201.0210, 4.9196,
8.7516

■ 89.6220, 57.8674,
106.4485

■ 213.9350, -1.4470,
-2.5740

■ 86.6870, 59.3143,
109.0225

■ 226.3760, -7.0874,
-13.4848

■ 236.9420,
-12.2964, -22.7511

■ 237.0560,
-11.8596, -22.8511

Harmonies

Analogous

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



149.0780, 48.7685, -8.8384



151.4850, 28.3549, 52.1947



145.5160, 4.6756, 87.2475

Triad

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



151.4850, 28.3549, 52.1947



140.1720, -61.2168, 34.9292



124.7100, 36.1320, -109.3707

Complementary

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



151.4850, 28.3549, 52.1947



169.5150, -28.3549, -52.1947

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.



118.2120, 11.2345, -103.6719



151.4850, 28.3549, 52.1947



135.3990, -49.0037, -9.1199

Square

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



151.4850, 28.3549, 52.1947



143.9200, -45.3166, 68.4762



120.5430, -17.5227, -73.2672



126.7910, 56.7980, -111.1957

Rectangle

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



151.4850, 28.3549, 52.1947



143.6680, -12.6543, 92.3762



120.5430, -17.5227, -73.2672



122.6580, 28.2696, -107.5711

Sweetspot

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



151.4850, 28.3549, 52.1947



233.7540, 9.9813, 18.6327



122.1120, 43.8218, -8.8682



114.9720, 5.9298, 11.4256



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.



151.4850, 28.3549, 52.1947



169.5430, 40.6513, 74.9458



145.7850, 6.5150, 57.1936



98.4290, 2.7465, 5.7628



69.0420, 47.3073, 86.7862



16.8190, 11.4282, 21.2067

Inverse Universe

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



151.4850, 28.3549, 52.1947



169.5430, 40.6513, 74.9458



175.2150, -6.5150, -57.1936



98.4290, 2.7465, 5.7628



69.0420, 47.3073, 86.7862



16.8190, 11.4282, 21.2067

Previews

White Background



This preview shows how the YUV color 151.4850, 28.3549, 52.1947 looks on a white background.

Color Contrast Check

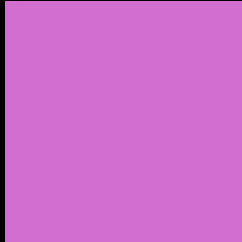
Large Text (above 18pt) WCAG AA ✓ Pass

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 151.4850, 28.3549, 52.1947 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

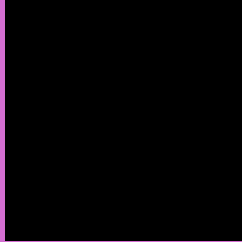
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 151.4850, 28.3549, 52.1947

Background



This preview shows how black text looks on a background with the YUV color 151.4850, 28.3549, 52.1947.



This preview shows how white text looks on a background with the YUV color 151.4850, 28.3549,

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

151.4850, 28.3549, 52.1947

Protanopia

145.7350, 45.4866, -29.5856

Deuteranopia

148.3120, 26.9612, -14.3056



Tritanopia

150.5650, -6.6875, 45.1085

Trichromacy



Original Color

151.4850, 28.3549, 52.1947



Protanomaly

147.6140, 39.1373, 0.3385



Deuteranomaly

149.5800, 27.3221, 10.0153



Tritanomaly

150.9040, 5.9633, 47.4422

Monochromacy



Original Color

151.4850, 28.3549, 52.1947



Achromatopsia

151.0000, 0.0000, 0.0000



Achromatomaly

151.1670, 10.2707, 19.1475

CSS Examples

Text

The CSS property to change the color of the text to YUV 151.4850, 28.3549, 52.1947 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(211, 110, 209)` looks like.

```
.text, #text, p{  
    color:rgb(211, 110, 209)  
}
```

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(211, 110, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 110, 209) }
```

Border

The CSS property to change the border of an element to YUV 151.4850, 28.3549, 52.1947 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(211, 110, 209) }
```


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

```
.border{ border-color:rgb(211, 110, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 110, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 110, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 110, 209);  
box-shadow:4px 4px 4px 4px rgb(211, 110,  
209) }
```

Background

The CSS property to change the background color of an element to YUV 151.4850, 28.3549, 52.1947 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 110, 209) }
```

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

```
.background{ background-color: rgb(211,  
110, 209) }
```

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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