

# Converting Colors

YUV(155.0450, 29.0648,  
57.8425)

Have a look what the booklet for  
YUV(155.0450, 29.0648, 57.8425)  
contains.

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# Color

**YUV(155.0450, 29.0648,  
57.8425)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DD6ED6
RGB	221, 110, 214
RGB Percent	87%, 43%, 84%
CMY	0.1333, 0.5686, 0.1608
CMYK	0.00, 0.50, 0.03, 0.13
HSL	304°, 62%, 65%
HSV	304°, 50%, 87%
XYZ	47.5323, 31.3791, 67.1699
YIQ	155.0450, 32.7720, 55.8760

# Conversions

## Conversions Part 2

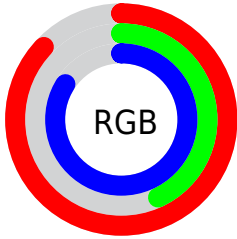
Format	Color
<a href="#">RYB</a>	<a href="#">221, 110, 214</a>
Decimal	<a href="#">14511830</a>
CIELab	<a href="#">62.83, 57.11, -34.35</a>
CIElCh	<a href="#">63, 66.640, 328.974</a>
Yxy	<a href="#">31.3791, 0.3254, 0.2148</a>
Android (android.graphics.Color)	<a href="#">4292701910 (0xFFDD6ED6)</a>
YUV	<a href="#">155.0450, 29.0648, 57.8425</a>
Hunter-Lab	<a href="#">56.0170, 53.4335, -31.8826</a>

# Details

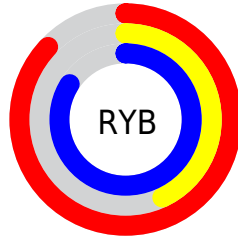
The YUV color **155.0450, 29.0648, 57.8425** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **175.9550, -29.0648, -57.8425**, and the grayscale version is **155.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **202.1700, 26.0452, 46.3319**, and **99.1480, 29.5070, 55.9982** is the 20% darker color. If you saturate the color by 10%, you get **142.0170, 34.9946, 69.2681**, and if you desaturate by 10%, it is **168.0730, 23.1350, 46.4170**.

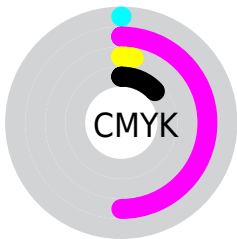
# Distribution



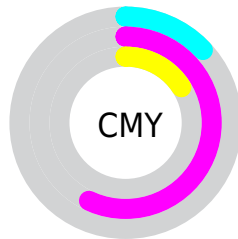
- Red (87%)
- Green (43%)
- Blue (84%)



- Red (87%)
- Yellow (43%)
- Blue (84%)



- Cyan (0%)
- Magenta (50%)
- Yellow (3%)
- Black (13%)




- Cyan (13%)
- Magenta (57%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 155.0450, 29.0648, 57.8425 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 155.0450, 29.0648, 57.8425 by changing the saturation by 10% instead.





 155.0450, 29.0648,  
57.8425


 155.0450, 29.0648,  
57.8425


255.0000, 0.0000,  
0.0000

 127.3330, 28.9228,  
56.7130


 202.1700, 26.0452,  
46.3319

 99.1480, 29.5070,  
55.9982


 219.1930, 17.6529,  
31.4027


 68.6260, 31.2434,  
59.0870

 236.2160, 9.2605,  
16.4736

 44.4900, 30.8174,  
55.6983

 253.2390, 0.8682,  
1.5444

 33.5670, 23.8775,  
41.5987

 23.4700, 17.5163,  
28.5288

 12.7750, 11.4499,

14.2293

■ 1.2540, 4.8048,  
-1.0998

■ 0.0000, 0.0000,  
0.0000

■ 155.0450, 29.0648,  
57.8425

■ 155.0450, 29.0648,  
57.8425

■ 142.0170, 34.9946,  
69.2681

■ 168.0730, 23.1350,  
46.4170

■ 128.8750, 40.4876,  
80.7936

■ 181.2150, 17.6420,  
34.8914

■ 115.8470, 46.4174,  
92.2192

■ 194.2430, 11.7122,  
23.4659

■ 102.7050, 51.9104,  
103.7447

■ 207.3850, 6.2192,  
11.9404

89.6770, 57.8402,  
115.1703

221.0000, 0.0000,  
0.0000

234.0280, -5.9298,  
-11.4256

241.3000, -8.5289,  
-17.8031

241.4140, -8.0921,  
-17.9031

241.6420, -7.2185,  
-18.1030

# Harmonies

## Analogous

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



153.1430, 50.2155, -6.2644



155.0450, 29.0648, 57.8425



148.7340, 4.0751, 93.1953

# Triad

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



155.0450, 29.0648, 57.8425



142.4080, -69.2211, 35.5992



128.7850, 39.0530, -112.9444

# Complementary

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



155.0450, 29.0648, 57.8425



175.9550, -29.0648, -57.8425

# 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.



121.9450, 12.8451, -106.9458



155.0450, 29.0648, 57.8425



137.6930, -51.6136, -12.0088

# Square

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



155.0450, 29.0648, 57.8425



146.9050, -49.2532, 71.1203



115.6330, -14.1161, -92.6401



130.3930, 60.4453, -114.3547



# Rectangle

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



155.0450, 29.0648, 57.8425



145.3480, -13.9756, 96.1648



115.6330, -14.1161, -92.6401



127.2060, 30.4644, -111.5597

# Sweetspot

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



155.0450, 29.0648, 57.8425



232.4660, 10.1233, 19.7623



124.4480, 47.6001, -7.4089



114.2710, 5.7824, 12.0403



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.



155.0450, 29.0648, 57.8425



164.0490, 39.9088, 79.7640



148.8890, 5.4777, 63.2413



103.4290, 2.7465, 5.7628



70.1950, 45.2599, 90.1600



18.6560, 12.0016, 23.9807



# Inverse Universe

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



155.0450, 29.0648, 57.8425



164.0490, 39.9088, 79.7640



182.1110, -5.4777, -63.2413



103.4290, 2.7465, 5.7628



70.1950, 45.2599, 90.1600



18.6560, 12.0016, 23.9807



# Previews

## White Background



This preview shows how the YUV color 155.0450, 29.0648, 57.8425 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

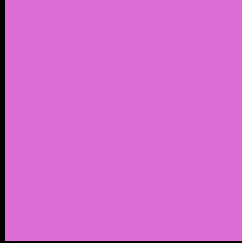
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 155.0450, 29.0648, 57.8425 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

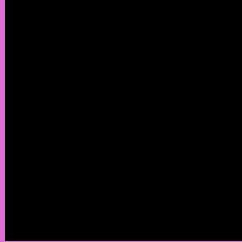
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 155.0450, 29.0648, 57.8425

## Background



This preview shows how black text looks on a background with the YUV color 155.0450, 29.0648, 57.8425.



This preview shows how white text looks on a background with the YUV color 155.0450, 29.0648, 57.8425.

57.8425.

# 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

155.0450, 29.0648, 57.8425

### Protanopia

149.7070, 47.9654, -31.3150

### Deuteranopia

152.3120, 26.9612, -14.3056



## Tritanopia

154.2560, -8.0142, 50.6415

# Trichromacy



## Original Color

155.0450, 29.0648, 57.8425



## Protanomaly

151.7820, 41.0265, 1.0682



## Deuteranomaly

153.1180, 28.0428, 12.1745



## Tritanomaly

154.2360, 5.7997, 53.2900

# Monochromacy



## Original Color

155.0450, 29.0648, 57.8425



## Achromatopsia

155.0000, 0.0000, 0.0000



## Achromatomaly

155.1780, 10.2652, 20.8919

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 155.0450, 29.0648, 57.8425 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(221, 110, 214)` looks like.

```
.text, #text, p{  
    color:rgb(221, 110, 214)  
}
```

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(221, 110, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 110, 214) }
```

## Border

The CSS property to change the border of an element to YUV 155.0450, 29.0648, 57.8425 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(221, 110, 214) }
```



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

```
.border{ border-color:rgb(221, 110, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 110, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 110, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 110, 214);  
box-shadow:4px 4px 4px 4px rgb(221, 110,  
214) }
```

# Background

The CSS property to change the background color of an element to YUV 155.0450, 29.0648, 57.8425 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 110, 214) }
```

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

```
.background{ background-color: rgb(221,  
110, 214) }
```

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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