

# Converting Colors

YUV(175.1660, 35.4142,  
27.9184)

Have a look what the booklet for  
YUV(175.1660, 35.4142, 27.9184)  
contains.

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# Color

**YUV(175.1660, 35.4142,  
27.9184)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CF91F7
RGB	207, 145, 247
RGB Percent	81%, 57%, 97%
CMY	0.1882, 0.4314, 0.0314
CMYK	0.16, 0.41, 0.00, 0.03
HSL	276°, 86%, 77%
HSV	276°, 41%, 97%
XYZ	52.6460, 40.2316, 92.9864
YIQ	175.1660, 4.2100, 44.8660

# Conversions

## Conversions Part 2

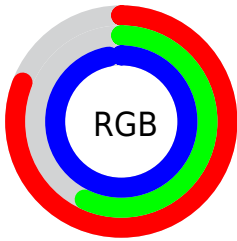
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">207, 145, 247</a>
Decimal	<a href="#">13603319</a>
CIELab	<a href="#">69.63, 41.51, -42.11</a>
CIElCh	<a href="#">70, 59.128, 314.594</a>
Yxy	<a href="#">40.2316, 0.2833, 0.2165</a>
Android (android.graphics.Color)	<a href="#">4291793399 (0xFFCF91F7)</a>
YUV	<a href="#">175.1660, 35.4142, 27.9184</a>
Hunter-Lab	<a href="#">63.4284, 37.1567, -42.5197</a>

# Details

The YUV color **175.1660, 35.4142, 27.9184** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **216.8340, -35.4142, -27.9184**, and the grayscale version is **175.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **222.7150, 15.9165, 28.3139**, and **121.4000, 33.8198, 25.9592** is the 20% darker color. If you saturate the color by 10%, you get **157.5010, 44.1230, 34.6406**, and if you desaturate by 10%, it is **192.8310, 26.7053, 21.1962**.

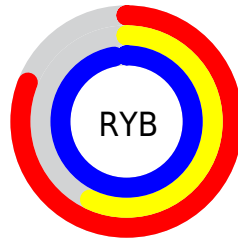
# Distribution



Red (81%)

Green (57%)

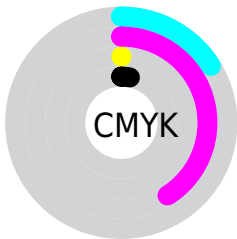
Blue (97%)



Red (81%)

Yellow (57%)

Blue (97%)

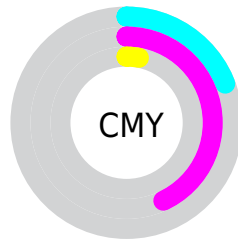


Cyan (16%)

Magenta (41%)

Yellow (0%)

Black (3%)



Cyan (19%)

Magenta (43%)


Yellow (3%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 175.1660, 35.4142, 27.9184 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 175.1660, 35.4142, 27.9184 by changing the saturation by 10% instead.




 175.1660, 35.4142,  
27.9184


 175.1660, 35.4142,  
27.9184


255.0000, 0.0000,  
0.0000


 148.2260, 34.3986,  
26.9888


 222.7150, 15.9165,  
28.3139


 121.4000, 33.8198,  
25.9592

 239.1510, 7.8136,  
13.8996

 95.5740, 33.2410,  
24.9296

 69.7480, 32.6622,  
23.9000

 44.3350, 32.3728,  
23.3852

 23.1450, 30.4945,  
19.1668

 14.5430, 23.3963,

9.1708

■ 6.2070, 16.1669,  
-5.4435

■ 2.4110, 6.6994,  
-2.1144

■ 175.1660, 35.4142,  
27.9184

■ 175.1660, 35.4142,  
27.9184

■ 157.5010, 44.1230,  
34.6406

■ 192.8310, 26.7053,  
21.1962

■ 140.7220, 52.3951,  
41.4628

■ 209.6100, 18.4333,  
14.3740

■ 123.0570, 61.1039,  
48.1850

■ 227.2750, 9.7244,  
7.6518

■ 105.3920, 69.8127,  
54.9072

■ 244.9400, 1.0156,  
0.9296

■ 88.6130, 78.0848,  
61.7294

■ 254.0880, -3.4944,  
0.7998

■ 73.0080, 85.7781,  
67.5220

# Harmonies

## Analogous

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



163.5770, 45.0715, -36.4630



175.1660, 35.4142, 27.9184



172.7080, 13.4550, 71.2931

# Triad

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



175.1660, 35.4142, 27.9184



166.0180, -50.7879, 49.9732



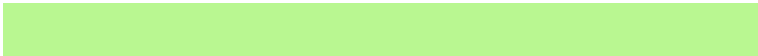
137.8690, 28.1656, -120.9111

# Complementary

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



175.1660, 35.4142, 27.9184



216.8340, -35.4142, -27.9184

# 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.



130.4250, 4.7205, -114.3827



175.1660, 35.4142, 27.9184



162.3630, -50.9580, 11.0826

# Square

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



175.1660, 35.4142, 27.9184



167.7220, -34.8659, 76.5428



154.7020, -31.8981, -35.6957



141.1070, 50.7262, -123.7508



# Rectangle

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



175.1660, 35.4142, 27.9184



166.5550, -1.2596, 77.5663



154.7020, -31.8981, -35.6957



135.2300, 20.5926, -118.5967

# Sweetspot

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



175.1660, 35.4142, 27.9184



233.2150, 10.7400, 8.5814



180.6950, 32.6884, -31.3045



115.3410, 6.2409, 4.9629



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.



175.1660, 35.4142, 27.9184



165.5010, 44.1230, 34.6406



185.9860, 25.1499, 53.5093



113.7600, 4.0623, 3.7185



54.9910, 64.5874, 50.8739



17.4900, 20.4644, 16.2333



# Inverse Universe

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



180.0580, 2.4364, 58.7081



171.6730, 3.1192, 73.0778



206.0140, -25.1499, -53.5093



114.1580, 0.4151, 6.8774



63.9360, 4.4686, 107.0501



20.2630, 1.3493, 33.9723



# Previews

## White Background



This preview shows how the YUV color 175.1660, 35.4142, 27.9184 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

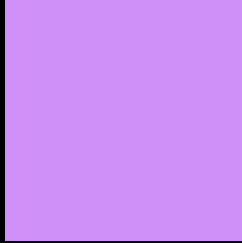
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 175.1660, 35.4142, 27.9184 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

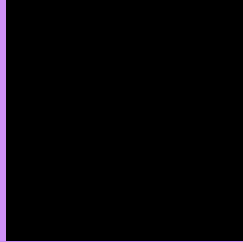
Any Text WCAG AA ✓ Pass

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 175.1660, 35.4142, 27.9184 Background



This preview shows how black text looks on a background with the YUV color 175.1660, 35.4142, 27.9184.



This preview shows how white text looks on a background with the YUV color 175.1660, 35.4142, 27.9184.

27.9184.

# 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

175.1660, 35.4142, 27.9184

### Protanopia

169.5460, 42.1288, -25.9118

### Deuteranopia

169.5480, 35.7188, -23.2826



## Tritanopia

172.6480, 0.6665, 19.6027

# Trichromacy



## Original Color

175.1660, 35.4142, 27.9184



## Protanomaly

171.6840, 39.5958, -6.7389



## Deuteranomaly

171.3700, 35.8066, -4.7095



## Tritanomaly

173.4000, 13.6068, 22.4512

# Monochromacy



## Original Color

175.1660, 35.4142, 27.9184



## Achromatopsia

175.0000, 0.0000, 0.0000



## Achromatomaly

175.0950, 12.7712, 10.4407

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 175.1660, 35.4142, 27.9184 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(207, 145, 247)` looks like.

```
.text, #text, p{  
    color:rgb(207, 145, 247)  
}
```

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(207, 145, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 145, 247) }
```

## Border

The CSS property to change the border of an element to YUV 175.1660, 35.4142, 27.9184 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(207, 145, 247) }
```



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

```
.border{ border-color:rgb(207, 145, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 145, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 145, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 145, 247);  
box-shadow:4px 4px 4px 4px rgb(207, 145,  
247) }
```

# Background

The CSS property to change the background color of an element to YUV 175.1660, 35.4142, 27.9184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 145, 247) }
```

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

```
.background{ background-color: rgb(207,  
145, 247) }
```

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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