

Converting Colors

YUV(160.0670, 29.0540,
61.3312)

Have a look what the booklet for
YUV(160.0670, 29.0540, 61.3312)
contains.

YUV(160.0670, 29.0540, 61.3312)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(160.0670, 29.0540,
61.3312)**

Conversions

Conversions Part 1

Format	Color
Hex	E671DB
RGB	230, 113, 219
RGB Percent	90%, 44%, 86%
CMY	0.0980, 0.5569, 0.1412
CMYK	0.00, 0.51, 0.05, 0.10
HSL	306°, 70%, 67%
HSV	306°, 51%, 90%
XYZ	51.3244, 33.7477, 70.8267
YIQ	160.0670, 35.7060, 57.7700

Conversions

Conversions Part 2

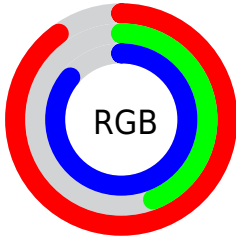
Format	Color
R _Y B	230, 113, 219
Decimal	15102427
CIE Lab	64.76, 59.05, -34.05
CIE LCh	65, 68.161, 330.033
Yxy	33.7477, 0.3292, 0.2165
Android (android.graphics.Color)	4293292507 (0xFFE671DB)
YUV	160.0670, 29.0540, 61.3312
Hunter-Lab	58.0928, 56.0407, -31.6214

Details

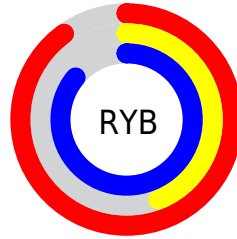
The YUV color **160.0670, 29.0540, 61.3312** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **182.9330, -29.0540, -61.3312**, and the grayscale version is **160.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **204.5180, 24.8876, 44.2727**, and **103.5830, 29.7856, 60.0017** is the 20% darker color. If you saturate the color by 10%, you get **146.3380, 34.8364, 73.3716**, and if you desaturate by 10%, it is **173.7960, 23.2716, 49.2909**.

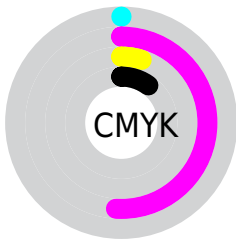
Distribution



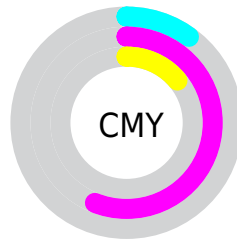
- Red (90%)
- Green (44%)
- Blue (86%)



- Red (90%)
- Yellow (44%)
- Blue (86%)



- Cyan (0%)
- Magenta (51%)
- Yellow (5%)
- Black (10%)



- Cyan (10%)
- Magenta (56%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the YUV color 160.0670, 29.0540, 61.3312 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 160.0670, 29.0540, 61.3312 by changing the saturation by 10% instead.

160.0670, 29.0540,
61.3312

160.0670, 29.0540,
61.3312

255.0000, 0.0000,
0.0000

131.7680, 29.2014,
60.7165

204.5180, 24.8876,
44.2727

103.5830, 29.7856,
60.0017

220.9540, 16.7847,
29.8583

72.7620, 31.6693,
62.4757

237.9770, 8.3923,
14.9292

47.3380, 31.3854,
60.2166

36.5290, 24.8822,
46.0171

26.0190, 18.2316,
32.4323

15.9220, 11.8705,

19.3624

■ 2.5250, 7.1362,
-2.2144

■ 0.0000, 0.0000,
0.0000

■ 160.0670, 29.0540,
61.3312

■ 160.0670, 29.0540,
61.3312

■ 146.3380, 34.8364,
73.3716

■ 173.7960, 23.2716,
49.2909

■ 132.6090, 40.6188,
85.4119

■ 187.5250, 17.4892,
37.2506

■ 118.8800, 46.4012,
97.4522

■ 201.2540, 11.7068,
25.2102

■ 105.0370, 51.7468,
109.5926

■ 215.0970, 6.3612,
13.0699

92.4820, 56.9504,
120.6033

228.8260, 0.5788,
1.0296

242.5550, -5.2036,
-11.0107

245.1310, -5.4876,
-13.2699

245.3590, -4.6140,
-13.4698

245.5870, -3.7404,
-13.6698

Harmonies

Analogous

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



158.1820, 47.7313, -2.7906



160.0670, 29.0540, 61.3312



150.8370, 4.5174, 91.3510

Triad

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



160.0670, 29.0540, 61.3312



146.5390, -71.2577, 35.4843



133.3330, 41.2478, -116.9330

Complementary

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



160.0670, 29.0540, 61.3312



182.9330, -29.0540, -61.3312

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.



126.2650, 14.1664, -110.7344



160.0670, 29.0540, 61.3312



142.2690, -51.8976, -14.2679

Square

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



160.0670, 29.0540, 61.3312



151.7480, -51.1478, 72.1350



116.8490, -11.7576, -102.4766



134.1430, 59.5825, -117.6434

Rectangle

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



160.0670, 29.0540, 61.3312



147.9240, -14.2595, 93.9057



116.8490, -11.7576, -102.4766



131.6400, 32.2225, -115.4483

Sweetspot

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



160.0670, 29.0540, 61.3312



232.2380, 9.2497, 19.9623



129.3280, 49.6313, -5.5497



114.1570, 5.3456, 12.1403



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.



160.0670, 29.0540, 61.3312



161.7180, 38.5930, 81.8083



153.5690, 4.1565, 67.0300



107.8420, 3.0359, 6.2776



71.9890, 44.3754, 93.8486



20.4930, 12.5750, 26.7546

Inverse Universe

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



160.0670, 29.0540, 61.3312



161.7180, 38.5930, 81.8083



189.4310, -4.1565, -67.0300



107.8420, 3.0359, 6.2776



71.9890, 44.3754, 93.8486



20.4930, 12.5750, 26.7546

Previews

White Background



This preview shows how the YUV color 160.0670, 29.0540, 61.3312 looks on a white background.

Color Contrast Check

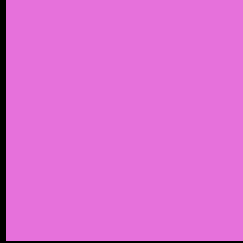
Large Text (above 18pt) WCAG AA × Fail

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 160.0670, 29.0540, 61.3312 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

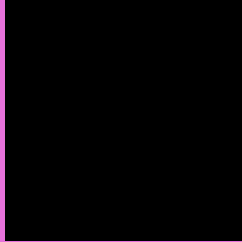
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 160.0670, 29.0540, 61.3312

Background



This preview shows how black text looks on a background with the YUV color 160.0670, 29.0540, 61.3312.



This preview shows how white text looks on a background with the YUV color 160.0670, 29.0540,

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

160.0670, 29.0540, 61.3312

Protanopia

154.8210, 48.4022, -31.4150

Deuteranopia

157.6110, 26.8138, -13.6908



Tritanopia

159.0500, -8.8987, 54.3301

Trichromacy



Original Color

160.0670, 29.0540, 61.3312



Protanomaly

156.6080, 41.6053, 2.0978



Deuteranomaly

158.7160, 27.7480, 13.4041



Tritanomaly

159.0300, 4.9152, 56.9787

Monochromacy



Original Color

160.0670, 29.0540, 61.3312



Achromatopsia

160.0000, 0.0000, 0.0000



Achromatomaly

159.8900, 10.4072, 22.0215

CSS Examples

Text

The CSS property to change the color of the text to YUV 160.0670, 29.0540, 61.3312 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(230, 113, 219)` looks like.

```
.text, #text, p{  
    color:rgb(230, 113, 219)  
}
```

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(230, 113, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 113, 219) }
```

Border

The CSS property to change the border of an element to YUV 160.0670, 29.0540, 61.3312 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(230, 113, 219) }
```


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

```
.border{ border-color:rgb(230, 113, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 113, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 113, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 113, 219);  
box-shadow:4px 4px 4px 4px rgb(230, 113,  
219) }
```

Background

The CSS property to change the background color of an element to YUV 160.0670, 29.0540, 61.3312 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 113, 219) }
```

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

```
.background{ background-color: rgb(230,  
113, 219) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor