

Converting Colors

YUV(166.1650, 27.0337,
55.9833)

Have a look what the booklet for
YUV(166.1650, 27.0337, 55.9833)
contains.

YUV(166.1650, 27.0337, 55.9833)	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(166.1650, 27.0337,
55.9833)**

Conversions

Conversions Part 1

Format	Color
Hex	E67BDD
RGB	230, 123, 221
RGB Percent	90%, 48%, 87%
CMY	0.0980, 0.5176, 0.1333
CMYK	0.00, 0.47, 0.04, 0.10
HSL	305°, 68%, 69%
HSV	305°, 47%, 90%
XYZ	52.7672, 36.2094, 72.6146
YIQ	166.1650, 32.3140, 53.1620

Conversions

Conversions Part 2

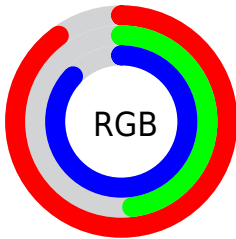
Format	Color
R _{YB}	230, 123, 221
Decimal	15104989
CIE _{Lab}	66.68, 54.56, -32.19
CIE _{LCh}	67, 63.348, 329.464
Yxy	36.2094, 0.3265, 0.2241
Android (android.graphics.Color)	4293295069 (0xFFE67BDD)
YUV	166.1650, 27.0337, 55.9833
Hunter-Lab	60.1742, 51.2231, -29.4256

Details

The YUV color **166.1650, 27.0337, 55.9833** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **186.8350, -27.0337, -55.9833**, and the grayscale version is **166.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **209.8010, 22.2831, 39.6395**, and **110.8550, 27.1865, 53.6242** is the 20% darker color. If you saturate the color by 10%, you get **152.4360, 32.8161, 68.0236**, and if you desaturate by 10%, it is **179.8940, 21.2513, 43.9430**.

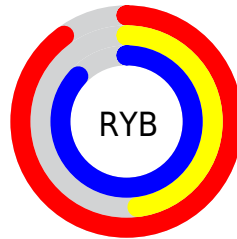
Distribution



Red (90%)

Green (48%)

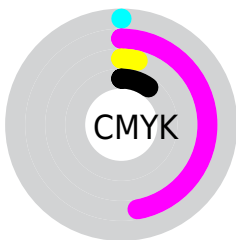
Blue (87%)



Red (90%)

Yellow (48%)

Blue (87%)

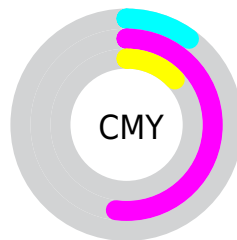


Cyan (0%)

Magenta (47%)

Yellow (4%)

Black (10%)



Cyan (10%)


Magenta (52%)


Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the YUV color 166.1650, 27.0337, 55.9833 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 166.1650, 27.0337, 55.9833 by changing the saturation by 10% instead.


 166.1650, 27.0337,
55.9833


 166.1650, 27.0337,
55.9833


255.0000, 0.0000,
0.0000

 138.4530, 26.8917,
54.8537


 209.8010, 22.2831,
39.6395


 110.8550, 27.1865,
53.6242


 226.8240, 13.8908,
24.7104

 82.3820, 27.9127,
54.0390

 243.8470, 5.4984,
9.7812

 47.8650, 32.1116,
60.6314

 36.9420, 25.1716,
46.5319

 26.5460, 18.9578,
32.8472

 16.7480, 12.4492,

20.3920

■ 2.8670, 8.4466,
-2.5144

■ 0.0000, 0.0000,
0.0000

■ 166.1650, 27.0337,
55.9833

■ 166.1650, 27.0337,
55.9833

■ 152.4360, 32.8161,
68.0236

■ 179.8940, 21.2513,
43.9430

■ 138.7070, 38.5984,
80.0640

■ 193.6230, 15.4689,
31.9026

■ 124.9780, 44.3808,
92.1043

■ 207.3520, 9.6865,
19.8623

■ 111.2490, 50.1632,
104.1446

■ 221.0810, 3.9041,
7.8220

97.5200, 55.9456,
116.1850

234.8100, -1.8783,
-4.2184

92.8240, 58.2608,
120.3034

245.0170, -5.9244,
-13.1699

245.2450, -5.0508,
-13.3699

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.



163.7860, 44.9685, -3.3203



166.1650, 27.0337, 55.9833



158.5650, 3.6655, 84.5735

Triad

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



166.1650, 27.0337, 55.9833



155.0300, -59.1748, 33.2997



135.6810, 40.0903, -118.9922

Complementary

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



166.1650, 27.0337, 55.9833



186.8350, -27.0337, -55.9833

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.



129.0690, 14.7560, -113.1935



166.1650, 27.0337, 55.9833



149.5450, -47.1037, -11.8790

Square

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



166.1650, 27.0337, 55.9833



158.1650, -46.9163, 68.2613



134.4610, -16.4963, -75.8263



136.4910, 58.4249, -119.7026

Rectangle

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



166.1650, 27.0337, 55.9833



155.9940, -13.8010, 86.8283



134.4610, -16.4963, -75.8263



133.5150, 31.7911, -117.0927

Sweetspot

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



166.1650, 27.0337, 55.9833



233.5260, 9.1077, 18.8327



137.8890, 45.4107, -5.1647



114.8580, 5.4930, 11.5255



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.



166.1650, 27.0337, 55.9833



169.6910, 36.1413, 74.8160



160.1230, 3.8834, 61.2821



107.8420, 3.0359, 6.2776



72.1030, 44.8122, 93.7487



20.6070, 13.0117, 26.6547

Inverse Universe

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



166.1650, 27.0337, 55.9833



169.6910, 36.1413, 74.8160



192.8770, -3.8834, -61.2821



107.8420, 3.0359, 6.2776



72.1030, 44.8122, 93.7487



20.6070, 13.0117, 26.6547

Previews

White Background



This preview shows how the YUV color 166.1650, 27.0337, 55.9833 looks on a white background.

Color Contrast Check

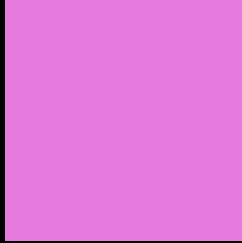
Large Text (above 18pt) WCAG AA × Fail

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 166.1650, 27.0337, 55.9833 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 166.1650, 27.0337, 55.9833

Background



This preview shows how black text looks on a background with the YUV color 166.1650, 27.0337, 55.9833.



This preview shows how white text looks on a background with the YUV color 166.1650, 27.0337,

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

166.1650, 27.0337, 55.9833

Protanopia

161.2900, 43.7340, -27.4413

Deuteranopia

163.1660, 25.0612, -11.5466



Tritanopia

164.7720, -7.2826, 49.3120

Trichromacy



Original Color

166.1650, 27.0337, 55.9833



Protanomaly

163.1690, 37.3847, 2.4828



Deuteranomaly

164.5480, 25.8588, 12.6744



Tritanomaly

165.1110, 5.3683, 51.6457

Monochromacy



Original Color

166.1650, 27.0337, 55.9833



Achromatopsia

166.0000, 0.0000, 0.0000



Achromatomaly

165.7650, 9.9759, 20.3771

CSS Examples

Text

The CSS property to change the color of the text to YUV 166.1650, 27.0337, 55.9833 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, 123, 221)` looks like.

```
.text, #text, p{  
    color:rgb(230, 123, 221)  
}
```

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, 123, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 123, 221) }
```

Border

The CSS property to change the border of an element to YUV 166.1650, 27.0337, 55.9833 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, 123, 221) }
```


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

```
.border{ border-color:rgb(230, 123, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 123, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 123, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 123, 221);  
box-shadow:4px 4px 4px 4px rgb(230, 123,  
221) }
```

Background

The CSS property to change the background color of an element to YUV 166.1650, 27.0337, 55.9833 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 123, 221) }
```

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

```
.background{ background-color: rgb(230,  
123, 221) }
```

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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