

Converting Colors

YUV(170.0110, 27.1096,
31.5624)

Have a look what the booklet for
YUV(170.0110, 27.1096, 31.5624)
contains.

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Color

**YUV(170.0110, 27.1096,
31.5624)**

Conversions

Conversions Part 1

Format	Color
Hex	CE8DE1
RGB	206, 141, 225
RGB Percent	81%, 55%, 88%
CMY	0.1922, 0.4471, 0.1176
CMYK	0.08, 0.37, 0.00, 0.12
HSL	286°, 58%, 72%
HSV	286°, 37%, 88%
XYZ	48.5691, 37.6078, 75.9333
YIQ	170.0110, 11.7760, 39.9040

Conversions

Conversions Part 2

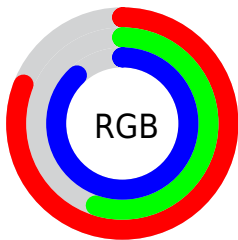
Format	Color
RYB	206, 141, 225
Decimal	13536737
CIELab	67.73, 38.83, -33.00
CIELCh	68, 50.958, 319.645
Yxy	37.6078, 0.2996, 0.2320
Android (android.graphics.Color)	4291726817 (0xFFCE8DE1)
YUV	170.0110, 27.1096, 31.5624
Hunter-Lab	61.3252, 34.0515, -30.4857

Details

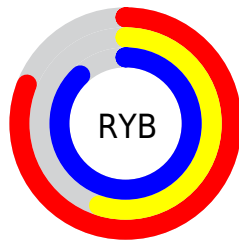
The YUV color **170.0110, 27.1096, 31.5624** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **195.9890, -27.1096, -31.5624**, and the grayscale version is **170.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **220.3670, 17.0741, 30.3731**, and **116.3590, 25.9520, 29.5032** is the 20% darker color. If you saturate the color by 10%, you get **155.6020, 34.2132, 39.8140**, and if you desaturate by 10%, it is **185.0070, 19.7165, 22.7959**.

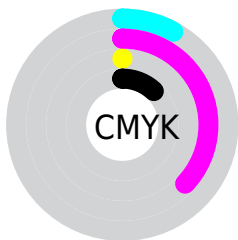
Distribution



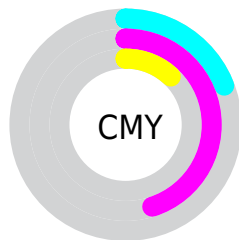
- Red (81%)
- Green (55%)
- Blue (88%)



- Red (81%)
- Yellow (55%)
- Blue (88%)



- Cyan (8%)
- Magenta (37%)
- Yellow (0%)
- Black (12%)



- Cyan (19%)
- Magenta (45%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YUV color 170.0110, 27.1096, 31.5624 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 170.0110, 27.1096, 31.5624 by changing the saturation by 10% instead.

170.0110, 27.1096,
31.5624

170.0110, 27.1096,
31.5624

255.0000, 0.0000,
0.0000

143.1850, 26.5308,
30.5328

220.3670, 17.0741,
30.3731

116.3590, 25.9520,
29.5032

236.8030, 8.9711,
15.9588

90.9460, 25.6626,
28.9884

253.8260, 0.5788,
1.0296

65.8210, 25.2312,
27.3440

40.2340, 25.5206,
27.8588

21.8050, 22.7741,
22.0960

12.9040, 15.8233,

11.4852

■ 3.2090, 9.7570,
-2.8143

■ 0.0000, 0.0000,
0.0000

■ 170.0110, 27.1096,
31.5624

■ 170.0110, 27.1096,
31.5624

■ 155.6020, 34.2132,
39.8140

■ 185.0070, 19.7165,
22.7959

■ 140.6060, 41.6062,
48.5805

■ 199.4160, 12.6129,
14.5442

■ 126.1970, 48.7099,
56.8322

■ 214.4120, 5.2199,
5.7777

■ 111.2010, 56.1029,
65.5987

■ 228.8210, -1.8838,
-2.4740

■ 96.7920, 63.2065,
73.8504

■ 243.8170, -9.2768,
-11.2405

■ 81.4970, 70.7470,
82.0021

■ 246.1980,
-10.4506, -8.0666

■ 77.6760, 72.6307,
84.4761

■ 247.6930,
-11.1876, -4.9928

■ 249.1880,
-11.9247, -1.9189

■ 250.6830,
-12.6617, 1.1550

Harmonies

Analogous

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



164.5190, 43.1281, -19.7492



170.0110, 27.1096, 31.5624



168.3560, 7.2195, 64.5858

Triad

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



170.0110, 27.1096, 31.5624



161.9610, -44.3508, 38.6222



132.4720, 30.3333, -116.1779

Complementary

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



170.0110, 27.1096, 31.5624



195.9890, -27.1096, -31.5624

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.



126.5270, 10.0932, -110.9642



170.0110, 27.1096, 31.5624



157.8380, -41.3321, 3.6501

Square

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



170.0110, 27.1096, 31.5624



163.9870, -33.5176, 64.0324



150.8680, -23.5989, -37.5952



134.6840, 48.9628, -118.1179

Rectangle

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



170.0110, 27.1096, 31.5624



166.3390, -7.0691, 74.2477



150.8680, -23.5989, -37.5952



130.7620, 23.7813, -114.6783

Sweetspot

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



170.0110, 27.1096, 31.5624



236.7700, 8.9874, 10.7257



162.3160, 30.9032, -18.6941



116.8250, 5.5093, 6.2925



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.



170.0110, 27.1096, 31.5624



179.7210, 37.1125, 43.2177



173.1840, 14.6993, 45.4426



104.9450, 3.4781, 4.4332



60.7280, 56.8291, 66.0135



16.5350, 15.5122, 17.9478

Inverse Universe

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



168.2820, -4.0830, 49.7417



177.3490, -5.5951, 68.0999



192.8160, -14.6993, -45.4426



104.6310, -0.3111, 6.4626



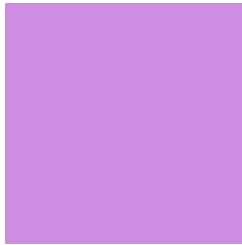
57.1840, -8.4717, 104.2016



15.6060, -2.2708, 28.4095

Previews

White Background



This preview shows how the YUV color 170.0110, 27.1096, 31.5624 looks on a white background.

Color Contrast Check

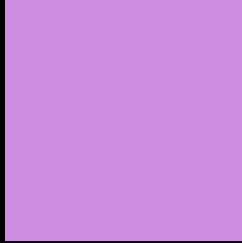
Large Text (above 18pt) WCAG AA × Fail

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 170.0110, 27.1096, 31.5624 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

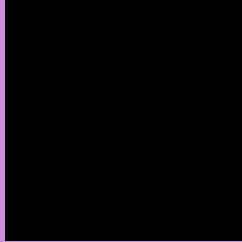
Any Text WCAG AA ✓ Pass

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 170.0110, 27.1096, 31.5624 Background



This preview shows how black text looks on a background with the YUV color 170.0110, 27.1096, 31.5624.



This preview shows how white text looks on a background with the YUV color 170.0110, 27.1096,

31.5624.

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

170.0110, 27.1096, 31.5624

Protanopia

164.8300, 38.0448, -22.6529

Deuteranopia

166.0240, 27.1032, -13.1760



Tritanopia

167.5240, -1.2443, 25.8505

Trichromacy



Original Color

170.0110, 27.1096, 31.5624



Protanomaly

166.6260, 34.2014, -3.1800



Deuteranomaly

167.4220, 26.9070, 3.1379



Tritanomaly

168.5810, 9.0806, 27.5545

Monochromacy



Original Color

170.0110, 27.1096, 31.5624



Achromatopsia

170.0000, 0.0000, 0.0000



Achromatomaly

169.7100, 10.0030, 11.6553

CSS Examples

Text

The CSS property to change the color of the text to YUV 170.0110, 27.1096, 31.5624 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(206, 141, 225)` looks like.

```
.text, #text, p{  
    color:rgb(206, 141, 225)  
}
```

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(206, 141, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 141, 225) }
```

Border

The CSS property to change the border of an element to YUV 170.0110, 27.1096, 31.5624 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(206, 141, 225) }
```


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

```
.border{ border-color:rgb(206, 141, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 141, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(206, 141, 225); -webkit-box-shadow:4px 4px 4px 4px rgb(206, 141, 225); box-shadow:4px 4px 4px 4px rgb(206, 141, 225) }
```

Background

The CSS property to change the background color of an element to YUV 170.0110, 27.1096, 31.5624 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 141, 225) }
```

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

```
.background{ background-color: rgb(206,  
141, 225) }
```

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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