

Converting Colors

YUV(127.3110, 15.6227,
76.0263)

Have a look what the booklet for
YUV(127.3110, 15.6227, 76.0263)
contains.

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Color

**YUV(127.3110, 15.6227,
76.0263)**

Conversions

Conversions Part 1

Format	Color
Hex	D64D9F
RGB	214, 77, 159
RGB Percent	84%, 30%, 62%
CMY	0.1608, 0.6980, 0.3765
CMYK	0.00, 0.64, 0.26, 0.16
HSL	324°, 63%, 57%
HSV	324°, 64%, 84%
XYZ	36.6434, 22.1071, 35.1367
YIQ	127.3110, 55.3300, 54.5460

Conversions

Conversions Part 2

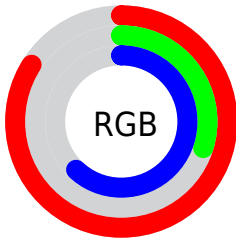
Format	Color
R_{YB}	214, 77, 159
Decimal	14044575
CIE _{Lab}	54.14, 61.58, -16.25
CIE _{LCh}	54, 63.685, 345.217
Yxy	22.1071, 0.3903, 0.2355
Android (android.graphics.Color)	4292234655 (0xFFD64D9F)
YUV	127.3110, 15.6227, 76.0263
Hunter-Lab	47.0182, 56.8315, -11.3946

Details

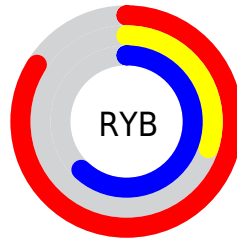
The YUV color **127.3110, 15.6227, 76.0263** is a dark color, and the websafe version is hex **CC3399**. The color can be described as middle muted rose. A complement of this color would be **163.6890, -15.6227, -76.0263**, and the grayscale version is **127.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **179.2990, 17.1076, 66.3898**, and **58.5430, 23.8893, 84.5928** is the 20% darker color. If you saturate the color by 10%, you get **113.9580, 17.7687, 87.7368**, and if you desaturate by 10%, it is **140.6640, 13.4766, 64.3157**.

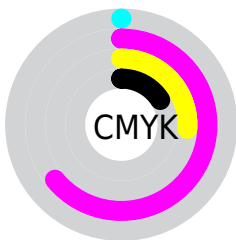
Distribution



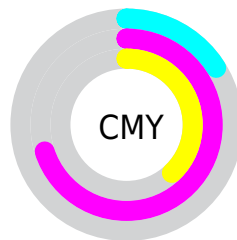
- Red (84%)
- Green (30%)
- Blue (62%)



- Red (84%)
- Yellow (30%)
- Blue (62%)



- Cyan (0%)
- Magenta (64%)
- Yellow (26%)
- Black (16%)





- Cyan (16%)
- Magenta (70%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the YUV color 127.3110, 15.6227, 76.0263 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 127.3110, 15.6227, 76.0263 by changing the saturation by 10% instead.


 127.3110, 15.6227,
76.0263


 127.3110, 15.6227,
76.0263


255.0000, 0.0000,
0.0000


 97.7670, 17.3699,
75.6263


 179.2990, 17.1076,
66.3898


 58.5430, 23.8893,
84.5928

 198.9270, 21.2350,
49.1760


 47.4350, 17.5335,
69.7785


 217.4320, 18.5210,
32.9471

 36.4410, 11.6146,
54.8642

 234.4550, 10.1287,
18.0180

 25.8600, 5.9850,
40.4648

 251.4780, 1.7363,
3.0888

 15.2790, 0.3555,
26.0653

 0.0000, 0.0000,

0.0000

■ 127.3110, 15.6227,
76.0263

■ 127.3110, 15.6227,
76.0263

■ 113.9580, 17.7687,
87.7368

■ 140.6640, 13.4766,
64.3157

■ 100.1320, 20.6409,
99.8622

■ 154.4900, 10.6044,
52.1903

■ 86.7790, 22.7870,
111.5728

■ 167.8430, 8.4584,
40.4797

■ 78.5780, 24.3650,
118.7651

■ 181.6690, 5.5862,
28.3543

■ 195.0220, 3.4402,
16.6437

■ 208.3750, 1.2941,
4.9331

■ 222.2010, -1.5781,
-7.1923

■ 235.5540, -3.7241,
-18.9029

■ 240.5750, -2.2555,
-23.3063

Harmonies

Analogous

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



132.9320, 37.0085, 29.8776



127.3110, 15.6227, 76.0263



122.5800, -9.1599, 91.5763

Triad

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



127.3110, 15.6227, 76.0263



117.8160, -58.0833, 9.8084



112.8220, 46.4298, -98.9449

Complementary

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



127.3110, 15.6227, 76.0263



163.6890, -15.6227, -76.0263

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.



108.8830, 23.7217, -95.4904



127.3110, 15.6227, 76.0263



110.1420, -32.6080, -41.3435

Square

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



127.3110, 15.6227, 76.0263



121.9010, -60.0972, 49.1988



101.0970, -1.0338, -88.6621



110.8450, 61.7014, -97.2111

Rectangle

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



127.3110, 15.6227, 76.0263



123.5410, -26.8887, 84.5945



101.0970, -1.0338, -88.6621



112.2860, 39.2990, -98.4748

Sweetspot

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



127.3110, 15.6227, 76.0263



224.6580, 5.5916, 26.6099



109.0630, 51.7339, 20.1157



109.0220, 3.4402, 16.6437



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.



127.3110, 15.6227, 76.0263



130.9420, 22.2136, 108.7989



119.5590, -14.0796, 82.8248



100.0870, 1.4361, 6.0627



62.7570, 19.3468, 94.9291



15.8210, 5.0182, 23.8360

Inverse Universe

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



127.3110, 15.6227, 76.0263



130.9420, 22.2136, 108.7989



171.4410, 14.0796, -82.8248



100.0870, 1.4361, 6.0627



62.7570, 19.3468, 94.9291



15.8210, 5.0182, 23.8360

Previews

White Background



This preview shows how the YUV color 127.3110, 15.6227, 76.0263 looks on a white background.

Color Contrast Check

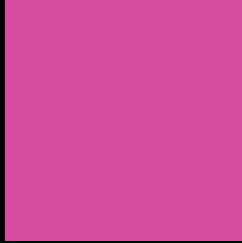
Large Text (above 18pt) WCAG AA ✓ Pass

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 127.3110, 15.6227, 76.0263 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

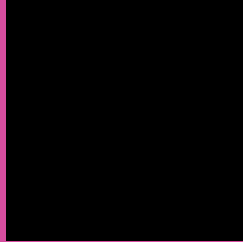
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 127.3110, 15.6227, 76.0263

Background



This preview shows how black text looks on a background with the YUV color 127.3110, 15.6227, 76.0263.



This preview shows how white text looks on a background with the YUV color 127.3110, 15.6227, 76.0263.

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

127.3110, 15.6227, 76.0263

Protanopia

129.1740, 32.9452, -20.3236

Deuteranopia

131.3450, 10.1829, 0.5744



Tritanopia

127.6670, -14.6258, 71.3290

Trichromacy



Original Color

127.3110, 15.6227, 76.0263

Protanomaly

128.2000, 27.0164, 14.7336

Deuteranomaly

130.0910, 12.2801, 27.9842

Tritanomaly

127.8380, -3.8641, 72.9331

Monochromacy



Original Color

127.3110, 15.6227, 76.0263

Achromatopsia

127.0000, 0.0000, 0.0000

Achromatomaly

127.3700, 5.7336, 27.7395

CSS Examples

Text

The CSS property to change the color of the text to YUV 127.3110, 15.6227, 76.0263 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(214, 77, 159)` looks like.

```
.text, #text, p{  
    color:rgb(214, 77, 159)  
}
```

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(214, 77, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 77, 159) }
```

Border

The CSS property to change the border of an element to YUV 127.3110, 15.6227, 76.0263 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(214, 77, 159) }
```


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

```
.border{ border-color:rgb(214, 77, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 77, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 77, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 77, 159);  
box-shadow:4px 4px 4px 4px rgb(214, 77,  
159) }
```

Background

The CSS property to change the background color of an element to YUV 127.3110, 15.6227, 76.0263 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 77, 159) }
```

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

```
.background{ background-color: rgb(214, 77,  
159) }
```

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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