

Converting Colors

YUV(77.7240, 15.9121, 76.5411)

Have a look what the booklet for
YUV(77.7240, 15.9121, 76.5411)
contains.

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Color

**YUV(77.7240, 15.9121,
76.5411)**

Conversions

Conversions Part 1

Format	Color
Hex	A51B6E
RGB	165, 27, 110
RGB Percent	65%, 11%, 43%
CMY	0.3529, 0.8941, 0.5686
CMYK	0.00, 0.84, 0.33, 0.35
HSL	324°, 72%, 38%
HSV	324°, 84%, 65%
XYZ	18.7235, 9.9090, 15.6776
YIQ	77.7240, 55.6050, 55.0690

Conversions

Conversions Part 2

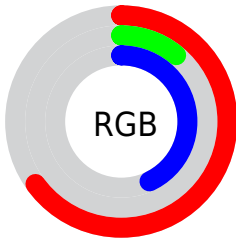
Format	Color
R_{YB}	165, 27, 110
Decimal	10820462
CIE _{Lab}	37.68, 59.56, -12.28
CIE _{LCh}	38, 60.807, 348.352
Yxy	9.9090, 0.4226, 0.2236
Android (android.graphics.Color)	4289010542 (0xFFA51B6E)
YUV	77.7240, 15.9121, 76.5411
Hunter-Lab	31.4785, 51.0844, -7.4939

Details

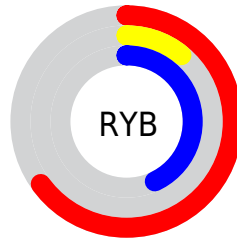
The YUV color **77.7240, 15.9121, 76.5411** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **114.2760, -15.9121, -76.5411**, and the grayscale version is **78.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **137.6870, 11.9863, 75.6965**, and **39.3600, 11.1615, 60.1973** is the 20% darker color. If you saturate the color by 10%, you get **66.9470, 17.7741, 85.9925**, and if you desaturate by 10%, it is **87.9140, 14.3394, 67.6044**.

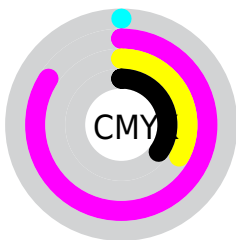
Distribution



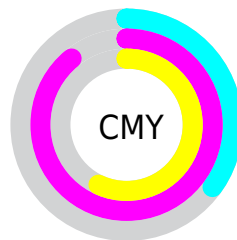
- Red (65%)
- Green (11%)
- Blue (43%)



- Red (65%)
- Yellow (11%)
- Blue (43%)



- Cyan (0%)
- Magenta (84%)
- Yellow (33%)
- Black (35%)





- Cyan (35%)
- Magenta (89%)
- Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the YUV color 77.7240, 15.9121, 76.5411 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 77.7240, 15.9121, 76.5411 by changing the saturation by 10% instead.


 77.7240, 15.9121,
76.5411


 77.7240, 15.9121,
76.5411

255.0000, 0.0000,
0.0000


 50.4680, 17.5173,
75.0116

 137.6870, 11.9863,
75.6965


 39.3600, 11.1615,
60.1973


 166.1710, 11.2547,
77.0260


 28.4800, 5.6794,
45.1830

 185.9840, 14.7979,
60.5270

 18.7250, 0.6286,
31.8132

 206.3130, 19.0727,
42.6985

 4.7840, -2.3585,
9.8364

 223.8890, 15.3377,
27.2843

 0.0000, 0.0000,
0.0000

 241.4990, 6.6560,

11.8404

■ 77.7240, 15.9121,
76.5411

■ 77.7240, 15.9121,
76.5411

■ 66.9470, 17.7741,
85.9925

■ 87.9140, 14.3394,
67.6044

■ 60.6210, 18.9208,
91.5404

■ 98.5770, 12.0405,
58.2530

■ 108.7670, 10.4679,
49.3163

■ 119.4300, 8.1690,
39.9649

■ 129.6200, 6.5963,
31.0283

■ 140.2830, 4.2975,
21.6768

■ 150.4730, 2.7248,
12.7402

■ 161.2500, 0.8628,
3.2887

■ 171.3260, -1.1467,
-5.5479

Harmonies

Analogous

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



89.6890, 32.1983, 32.7217



77.7240, 15.9121, 76.5411



73.9430, -6.3809, 86.8730

Triad

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



77.7240, 15.9121, 76.5411



79.6850, -39.2847, 0.2763



81.8640, 39.5070, -71.7947

Complementary

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



77.7240, 15.9121, 76.5411



114.2760, -15.9121, -76.5411

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.



78.0220, 19.7092, -68.4253



77.7240, 15.9121, 76.5411



62.1880, -25.7287, -54.5389

Square

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



77.7240, 15.9121, 76.5411



84.0360, -41.4297, 35.0484



71.0340, -1.9888, -62.2968



79.9040, 52.3053, -70.0758

Rectangle

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



77.7240, 15.9121, 76.5411



78.8710, -24.0934, 74.6581



71.0340, -1.9888, -62.2968



80.9690, 33.5393, -71.0098

Sweetspot

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



77.7240, 15.9121, 76.5411



180.4950, 6.1650, 29.3839



58.5790, 52.4656, 18.7862



86.7340, 3.5821, 17.7733



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



77.7240, 15.9121, 76.5411



78.6920, 24.8018, 118.6651



70.0860, -13.3534, 83.2396



76.2610, 0.8573, 5.0331



53.2730, 16.6274, 80.4446



6.6360, 2.1515, 9.9662

Inverse Universe

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



77.7240, 15.9121, 76.5411



78.6920, 24.8018, 118.6651



121.9140, 13.3534, -83.2396



76.2610, 0.8573, 5.0331



53.2730, 16.6274, 80.4446



6.6360, 2.1515, 9.9662

Previews

White Background



This preview shows how the YUV color 77.7240, 15.9121, 76.5411 looks on a white background.

Color Contrast Check

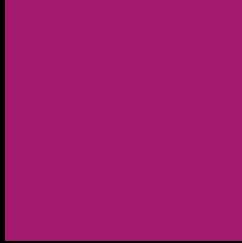
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the YUV color 77.7240, 15.9121, 76.5411 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

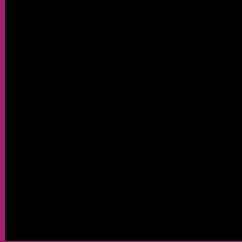
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 77.7240, 15.9121, 76.5411

Background



This preview shows how black text looks on a background with the YUV color 77.7240, 15.9121, 76.5411.



This preview shows how white text looks on a background with the YUV color 77.7240, 15.9121,

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

77.7240, 15.9121, 76.5411

Protanopia

88.1200, 31.4928, -21.1532

Deuteranopia

91.2050, 5.8149, 1.5742



Tritanopia

82.7160, -15.6360, 68.6551

Trichromacy



Original Color

77.7240, 15.9121, 76.5411

Protanomaly

84.5590, 25.8534, 14.4188

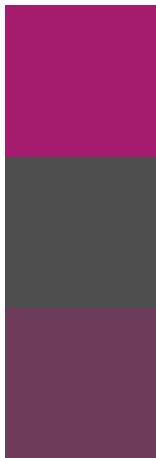
Deuteranomaly

86.4070, 9.6593, 28.5841

Tritanomaly

80.7130, -4.2955, 71.2887

Monochromacy



Original Color

77.7240, 15.9121, 76.5411

Achromatopsia

78.0000, 0.0000, 0.0000

Achromatomaly

77.7830, 6.0230, 28.2543

CSS Examples

Text

The CSS property to change the color of the text to YUV 77.7240, 15.9121, 76.5411 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(165, 27, 110)` looks like.

```
.text, #text, p{  
    color:rgb(165, 27, 110)  
}
```

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(165, 27, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 27, 110) }
```

Border

The CSS property to change the border of an element to YUV 77.7240, 15.9121, 76.5411 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(165, 27, 110) }
```


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

```
.border{ border-color:rgb(165, 27, 110) }
```

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

Here you see how a box with a 4 pixel rgb(165, 27, 110) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 27, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 27, 110);  
box-shadow:4px 4px 4px 4px rgb(165, 27,  
110) }
```

Background

The CSS property to change the background color of an element to YUV 77.7240, 15.9121, 76.5411 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 27, 110) }
```

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

```
.background{ background-color: rgb(165, 27,  
110) }
```

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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