

Converting Colors

YUV(89.0250, 15.7637, 30.6731)

Have a look what the booklet for
YUV(89.0250, 15.7637, 30.6731)
contains.

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Color

**YUV(89.0250, 15.7637,
30.6731)**

Conversions

Conversions Part 1

Format	Color
Hex	7C4179
RGB	124, 65, 121
RGB Percent	49%, 25%, 47%
CMY	0.5137, 0.7451, 0.5255
CMYK	0.00, 0.48, 0.02, 0.51
HSL	303°, 31%, 37%
HSV	303°, 48%, 49%
XYZ	13.6537, 9.4462, 19.1928
YIQ	89.0250, 17.1880, 29.9240

Conversions

Conversions Part 2

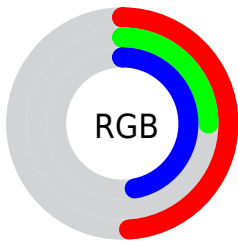
Format	Color
R_{YB}	124, 65, 121
Decimal	8143225
CIE _{Lab}	36.83, 34.15, -21.05
CIE _{LCh}	37, 40.118, 328.346
Yxy	9.4462, 0.3228, 0.2234
Android (android.graphics.Color)	4286333305 (0xFF7C4179)
YUV	89.0250, 15.7637, 30.6731
Hunter-Lab	30.7346, 25.5120, -15.5106

Details

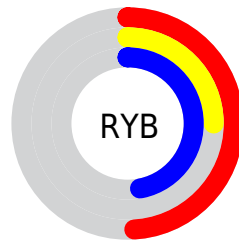
The YUV color **89.0250, 15.7637, 30.6731** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **99.9750, -15.7637, -30.6731**, and the grayscale version is **89.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **140.5630, 16.4844, 32.8322**, and **39.4270, 16.0585, 29.4435** is the 20% darker color. If you saturate the color by 10%, you get **81.8670, 18.7996, 36.9506**, and if you desaturate by 10%, it is **96.1830, 12.7278, 24.3955**.

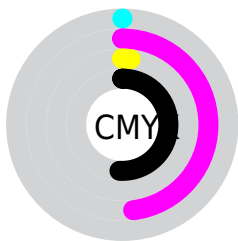
Distribution



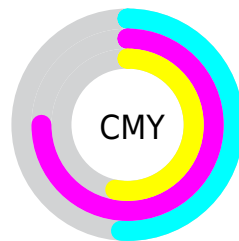
- Red (49%)
- Green (25%)
- Blue (47%)



- Red (49%)
- Yellow (25%)
- Blue (47%)



- Cyan (0%)
- Magenta (48%)
- Yellow (2%)
- Black (51%)



- Cyan (51%)
- Magenta (75%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 89.0250, 15.7637, 30.6731 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 89.0250, 15.7637, 30.6731 by changing the saturation by 10% instead.

89.0250, 15.7637,
30.6731

89.0250, 15.7637,
30.6731

255.0000, 0.0000,
0.0000

64.3130, 15.6217,
29.5435

140.5630, 16.4844,
32.8322

39.4270, 16.0585,
29.4435

167.2750, 16.6264,
33.9618

20.2370, 14.1802,
25.2252

194.9870, 16.7684,
35.0914

11.2650, 8.2504,
13.7996

220.3670, 17.0741,
30.3731

0.0000, 0.0000,
0.0000

236.8030, 8.9711,
15.9588

253.8260, 0.5788,

1.0296

■ 89.0250, 15.7637,
30.6731

■ 89.0250, 15.7637,
30.6731

■ 81.8670, 18.7996,
36.9506

■ 96.1830, 12.7278,
24.3955

■ 74.2360, 22.5617,
43.6430

■ 103.8140, 8.9657,
17.7031

■ 67.0780, 25.5975,
49.9206

■ 110.9720, 5.9298,
11.4256

■ 59.3330, 28.9228,
56.7130

■ 118.7170, 2.6045,
4.6332

■ 52.2890, 32.3955,
62.8905

■ 125.7610, -0.8682,
-1.5444

■ 50.5280, 33.2637,
64.4349

■ 132.9190, -3.9041,
-7.8220

■ 140.5500, -7.6661,
-14.5143

■ 147.7080,
-10.7020, -20.7919

■ 155.4530,
-14.0273, -27.5843

Harmonies

Analogous

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



87.9050, 27.6548, -3.4247



89.0250, 15.7637, 30.6731



85.8890, 2.0267, 50.0863

Triad

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



89.0250, 15.7637, 30.6731



82.4130, -33.2346, 19.8088



73.0980, 21.1507, -64.1069

Complementary

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



89.0250, 15.7637, 30.6731



99.9750, -15.7637, -30.6731

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.



69.4500, 7.1732, -60.9076



89.0250, 15.7637, 30.6731



79.8550, -27.0435, -6.0118

Square

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



89.0250, 15.7637, 30.6731



84.6680, -26.4583, 39.7562



71.7010, -10.2056, -40.0798



73.6000, 33.2282, -64.5472

Rectangle

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



89.0250, 15.7637, 30.6731



84.5660, -8.1670, 53.0006



71.7010, -10.2056, -40.0798



71.9580, 16.7827, -63.1072

Sweetspot

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



89.0250, 15.7637, 30.6731



147.3850, 6.2192, 11.9404



72.6230, 25.3289, -4.0544



73.6680, 3.6147, 7.3072



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

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



89.0250, 15.7637, 30.6731



106.4260, 24.4400, 47.8614



85.7190, 3.0965, 33.5724



57.4780, 1.7363, 3.0888



50.9410, 33.5531, 64.9497



102.7080, 67.6850, 130.9291

Inverse Universe

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



89.0250, 15.7637, 30.6731



106.4260, 24.4400, 47.8614



103.2810, -3.0965, -33.5724



57.4780, 1.7363, 3.0888



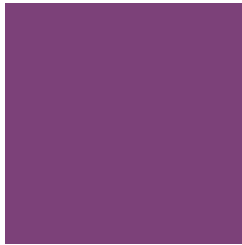
50.9410, 33.5531, 64.9497



102.7080, 67.6850, 130.9291

Previews

White Background



This preview shows how the YUV color 89.0250, 15.7637, 30.6731 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 89.0250, 15.7637, 30.6731 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

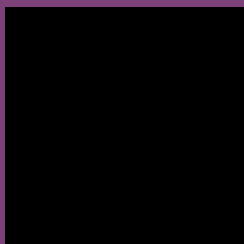
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 89.0250, 15.7637, 30.6731

Background



This preview shows how black text looks on a background with the YUV color 89.0250, 15.7637, 30.6731.



This preview shows how white text looks on a background with the YUV color 89.0250, 15.7637,

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

89.0250, 15.7637, 30.6731

Protanopia

86.5460, 25.3668, -16.2648

Deuteranopia

87.4410, 14.5726, -7.4028



Tritanopia

88.1390, -4.0125, 27.0651

Trichromacy



Original Color

89.0250, 15.7637, 30.6731

Protanomaly

87.1460, 22.1130, 0.7490

Deuteranomaly

87.6430, 14.9660, 6.4521

Tritanomaly

88.6860, 3.1128, 28.3394

Monochromacy



Original Color

89.0250, 15.7637, 30.6731

Achromatopsia

89.0000, 0.0000, 0.0000

Achromatomaly

88.9720, 5.9298, 11.4256

CSS Examples

Text

The CSS property to change the color of the text to YUV 89.0250, 15.7637, 30.6731 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(124, 65, 121)` looks like.

```
.text, #text, p{  
    color:rgb(124, 65, 121)  
}
```

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(124, 65, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 65, 121) }
```

Border

The CSS property to change the border of an element to YUV 89.0250, 15.7637, 30.6731 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(124, 65, 121) }
```


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

```
.border{ border-color:rgb(124, 65, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 65, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 65, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 65, 121);  
box-shadow:4px 4px 4px 4px rgb(124, 65,  
121) }
```

Background

The CSS property to change the background color of an element to YUV 89.0250, 15.7637, 30.6731 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 65, 121) }
```

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

```
.background{ background-color: rgb(124, 65,  
121) }
```

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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