

Converting Colors

YUV(87.0010, 62.6105, 31.5711)

Have a look what the booklet for
YUV(87.0010, 62.6105, 31.5711)
contains.

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Color

**YUV(87.0010, 62.6105,
31.5711)**

Conversions

Conversions Part 1

Format	Color
Hex	7B2CD6
RGB	123, 44, 214
RGB Percent	48%, 17%, 84%
CMY	0.5176, 0.8275, 0.1608
CMYK	0.43, 0.79, 0.00, 0.16
HSL	268°, 67%, 51%
HSV	268°, 79%, 84%
XYZ	21.2067, 10.8674, 64.5982
YIQ	87.0010, -7.4860, 69.6180

Conversions

Conversions Part 2

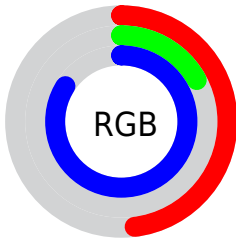
Format	Color
R_{YB}	123, 44, 214
Decimal	8072406
CIE _{Lab}	39.36, 64.66, -72.61
CIE _{LCh}	39, 97.226, 311.682
Yxy	10.8674, 0.2194, 0.1124
Android (android.graphics.Color)	4286262486 (0xFF7B2CD6)
YUV	87.0010, 62.6105, 31.5711
Hunter-Lab	32.9657, 57.1383, -93.1063

Details

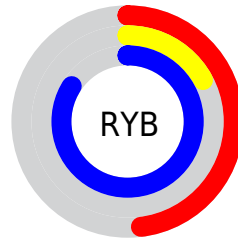
The YUV color **87.0010, 62.6105, 31.5711** is a dark color, and the websafe version is hex **6633CC**. The color can be described as dark washed purple. A complement of this color would be **170.9990, -62.6105, -31.5711**, and the grayscale version is **86.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **141.6010, 55.9057, 35.4299**, and **36.2510, 60.0223, 21.7049** is the 20% darker color. If you saturate the color by 10%, you get **71.3850, 70.3092, 35.6194**, and if you desaturate by 10%, it is **102.6170, 54.9118, 27.5229**.

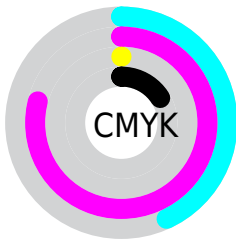
Distribution



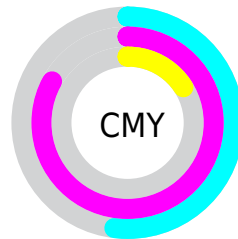
- Red (48%)
- Green (17%)
- Blue (84%)



- Red (48%)
- Yellow (17%)
- Blue (84%)



- Cyan (43%)
- Magenta (79%)
- Yellow (0%)
- Black (16%)



- Cyan (52%)
- Magenta (83%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YUV color 87.0010, 62.6105, 31.5711 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 87.0010, 62.6105, 31.5711 by changing the saturation by 10% instead.

87.0010, 62.6105,
31.5711

87.0010, 62.6105,
31.5711

255.0000, 0.0000,
0.0000

52.5330, 65.7992,
35.4896

141.6010, 55.9057,
35.4299

36.2510, 60.0223,
21.7049

167.0070, 43.3805,
39.4589

20.9140, 54.2724,
-0.8016

192.1250, 30.9974,
44.6174

11.9700, 45.8638,
-10.4977

212.1490, 21.1255,
37.5803

9.0060, 34.5070,
-7.8983

229.1720, 12.7332,
22.6512

9.2050, 22.5769,
-8.0728

246.1950, 4.3409,

4.9360, 13.8356,

7.7220

-4.3289

■ 0.6840, 2.6208,
-0.5999

■ 0.0000, 0.0000,
0.0000

■ 87.0010, 62.6105,
31.5711

■ 87.0010, 62.6105,
31.5711

■ 71.3850, 70.3092,
35.6194

■ 102.6170, 54.9118,
27.5229

■ 54.8830, 78.4447,
39.5676

■ 119.1190, 46.7763,
23.5746

■ 53.9970, 78.8815,
39.4676

■ 134.7350, 39.0776,
19.5264

■ 151.2370, 30.9422,
15.5782

■ 166.8530, 23.2435,
11.5299

■ 182.7680, 15.3974,
8.0965

■ 198.9710, 7.4093,
3.5334

■ 214.8860, -0.4368,
0.1000

■ 231.0890, -8.4249,
-4.4631

Harmonies

Analogous

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



85.1940, 82.7284, -74.7151



87.0010, 62.6105, 31.5711



76.8140, 33.1227, 109.7881

Triad

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



87.0010, 62.6105, 31.5711



85.9510, -42.3738, 57.9250



85.0490, 18.7098, -74.5880

Complementary

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



87.0010, 62.6105, 31.5711



170.9990, -62.6105, -31.5711

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.



73.4840, -17.9866, -64.4455



87.0010, 62.6105, 31.5711



84.1150, -41.4687, 0.7761

Square

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



87.0010, 62.6105, 31.5711



59.8000, -29.4814, 122.9554



66.3310, -32.7012, -58.1723



94.3000, 51.6171, -82.7011

Rectangle

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



87.0010, 62.6105, 31.5711



75.9690, 7.9033, 125.4382



66.3310, -32.7012, -58.1723



81.2700, 6.7689, -71.2738

Sweetspot

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



87.0010, 62.6105, 31.5711



209.3260, 22.5173, 11.1151



118.5580, 47.0529, -65.3874



100.3010, 13.6556, 6.7520



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.



87.0010, 62.6105, 31.5711



74.0760, 89.1955, 44.6603



111.5190, 50.5231, 81.9828



98.7490, 4.0677, 1.9741



43.1150, 63.0473, 31.4711



10.8820, 15.8342, 7.9965

Inverse Universe

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



105.2040, 14.6894, 95.4141



100.0640, 20.6744, 135.8789



146.1820, -50.3757, -82.5976



99.9730, 0.9993, 6.1627



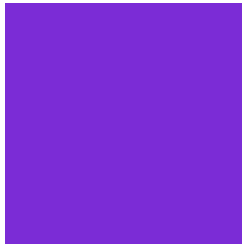
61.5030, 14.5420, 96.0289



15.4790, 3.7079, 24.1359

Previews

White Background



This preview shows how the YUV color 87.0010, 62.6105, 31.5711 looks on a white background.

Color Contrast Check

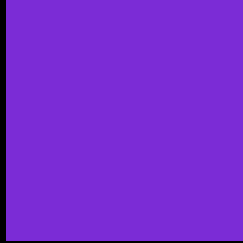
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 87.0010, 62.6105, 31.5711 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

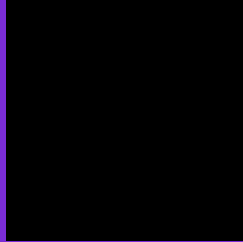
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 87.0010, 62.6105, 31.5711

Background



This preview shows how black text looks on a background with the YUV color 87.0010, 62.6105, 31.5711.



This preview shows how white text looks on a background with the YUV color 87.0010, 62.6105,

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

87.0010, 62.6105, 31.5711

Protanopia

74.3760, 56.5096, -65.2278

Deuteranopia

74.3470, 43.7059, -65.2023



Tritanopia

93.2930, 2.3206, 2.3740

Trichromacy



Original Color

87.0010, 62.6105, 31.5711



Protanomaly

78.8780, 58.7271, -29.7110



Deuteranomaly

78.8150, 50.8702, -29.6558



Tritanomaly

91.0920, 24.1116, 13.0743

Monochromacy



Original Color

87.0010, 62.6105, 31.5711



Achromatopsia

87.0000, 0.0000, 0.0000



Achromatomaly

86.7390, 22.8067, 11.6299

CSS Examples

Text

The CSS property to change the color of the text to YUV 87.0010, 62.6105, 31.5711 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(123, 44, 214)` looks like.

```
.text, #text, p{  
    color:rgb(123, 44, 214)  
}
```

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(123, 44, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 44, 214) }
```

Border

The CSS property to change the border of an element to YUV 87.0010, 62.6105, 31.5711 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(123, 44, 214) }
```


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

```
.border{ border-color:rgb(123, 44, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 44, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 44, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 44, 214);  
box-shadow:4px 4px 4px 4px rgb(123, 44,  
214) }
```

Background

The CSS property to change the background color of an element to YUV 87.0010, 62.6105, 31.5711 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 44, 214) }
```

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

```
.background{ background-color: rgb(123, 44,  
214) }
```

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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