

Converting Colors

YUV(62.7390, 66.6837, 31.8009)

Have a look what the booklet for
YUV(62.7390, 66.6837, 31.8009)
contains.

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Color

**YUV(62.7390, 66.6837,
31.8009)**

Conversions

Conversions Part 1

Format	Color
Hex	6312C6
RGB	99, 18, 198
RGB Percent	39%, 7%, 78%
CMY	0.6118, 0.9294, 0.2235
CMYK	0.50, 0.91, 0.00, 0.22
HSL	267°, 83%, 42%
HSV	267°, 91%, 78%
XYZ	15.5549, 7.1625, 53.9887
YIQ	62.7390, -9.5040, 73.1520

Conversions

Conversions Part 2

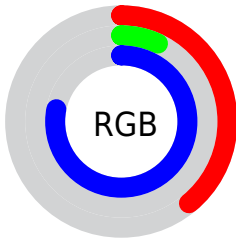
Format	Color
R_{YB}	99, 18, 198
Decimal	6492870
CIE _{Lab}	32.17, 65.85, -75.24
CIE _{LCh}	32, 99.985, 311.191
Yxy	7.1625, 0.2028, 0.0934
Android (android.graphics.Color)	4284682950 (0xFF6312C6)
YUV	62.7390, 66.6837, 31.8009
Hunter-Lab	26.7628, 56.9119, -100.8720

Details

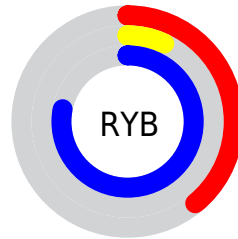
The YUV color **62.7390, 66.6837, 31.8009** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark washed purple. A complement of this color would be **153.2610, -66.6837, -31.8009**, and the grayscale version is **62.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **122.9840, 65.0839, 31.5860**, and **24.3750, 58.4821, 2.3021** is the 20% darker color. If you saturate the color by 10%, you get **49.1830, 73.3668, 34.9195**, and if you desaturate by 10%, it is **77.7680, 59.2744, 28.2675**.

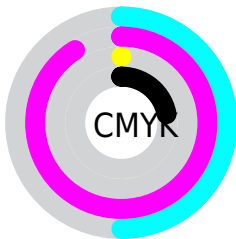
Distribution



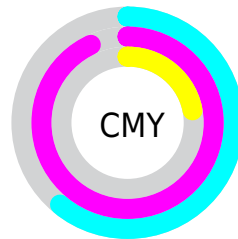
- Red (39%)
- Green (7%)
- Blue (78%)



- Red (39%)
- Yellow (7%)
- Blue (78%)



- Cyan (50%)
- Magenta (91%)
- Yellow (0%)
- Black (22%)



- Cyan (61%)
- Magenta (93%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 62.7390, 66.6837, 31.8009 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 62.7390, 66.6837, 31.8009 by changing the saturation by 10% instead.

62.7390, 66.6837,
31.8009

62.7390, 66.6837,
31.8009

255.0000, 0.0000,
0.0000

39.4130, 64.3794,
24.1938

122.9840, 65.0839,
31.5860

24.3750, 58.4821,
2.3021

147.8030, 52.8481,
36.1298

13.2240, 50.6686,
-11.5974

173.5080, 40.1756,
40.7735

10.2600, 39.3118,
-8.9980

198.3270, 27.9398,
45.3172

11.6330, 26.8029,
-10.2021

216.8450, 18.8104,
33.4619


6.6630, 17.9141,
-5.8435

233.2810, 10.7075,


2.9810, 8.8834,


19.0476


-2.6143


 250.8910, 2.0257,
3.6036


 0.0000, 0.0000,
0.0000


 62.7390, 66.6837,
31.8009


 62.7390, 66.6837,
31.8009


 49.1830, 73.3668,
34.9195

 77.7680, 59.2744,
28.2675

 92.7970, 51.8651,
24.7340

 107.2390, 44.7452,
21.7154

 122.2680, 37.3359,
18.1820

 136.9980, 30.0740,
14.0338

■ 152.0270, 22.6647,
10.5003

■ 167.0560, 15.2554,
6.9669

■ 181.4980, 8.1355,
3.9483

■ 196.5270, 0.7262,
0.4148

Harmonies

Analogous

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



74.5650, 80.0805, -65.3935



62.7390, 66.6837, 31.8009



69.0100, 29.0821, 99.0922

Triad

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



62.7390, 66.6837, 31.8009



69.4050, -34.2167, 54.8958



71.2570, 16.6353, -62.4924

Complementary

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



62.7390, 66.6837, 31.8009



153.2610, -66.6837, -31.8009

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.



59.8230, -22.0977, -52.4648



62.7390, 66.6837, 31.8009



67.8680, -33.4589, -1.6382

Square

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



62.7390, 66.6837, 31.8009



53.2220, -26.2384, 109.4303



55.7650, -27.4921, -48.9059



81.0950, 49.2532, -71.1203

Rectangle

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



62.7390, 66.6837, 31.8009



68.2790, 4.2995, 114.6423



55.7650, -27.4921, -48.9059



67.4780, 4.6943, -59.1782

Sweetspot

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



62.7390, 66.6837, 31.8009



203.1350, 25.5694, 12.1596



96.6330, 49.9739, -68.9611



97.0560, 15.2554, 6.9669



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.



62.7390, 66.6837, 31.8009



63.4550, 94.4317, 45.2050



89.6490, 53.4170, 87.1308



92.2220, 3.3416, 1.5593



40.4090, 60.4374, 28.5823



8.8880, 13.3662, 6.2372

Inverse Universe

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



83.1060, 16.7097, 100.7620



92.2050, 23.5629, 142.7712



126.3510, -53.4170, -87.1308



93.2610, 0.8573, 5.0331



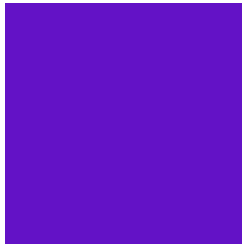
58.9970, 15.2845, 91.2106



13.0440, 3.4293, 20.1324

Previews

White Background



This preview shows how the YUV color 62.7390, 66.6837, 31.8009 looks on a white background.

Color Contrast Check

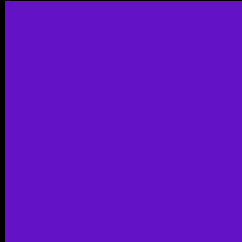
Large Text (above 18pt) WCAG AA ✓ Pass

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 62.7390, 66.6837, 31.8009 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

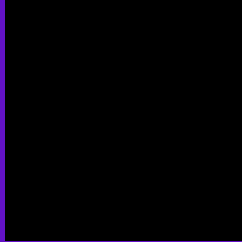
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 62.7390, 66.6837, 31.8009

Background



This preview shows how black text looks on a background with the YUV color 62.7390, 66.6837, 31.8009.



This preview shows how white text looks on a background with the YUV color 62.7390, 66.6837,

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

62.7390, 66.6837, 31.8009

Protanopia

61.2220, 46.7256, -53.6917

Deuteranopia

61.5350, 35.2322, -53.9662



Tritanopia

75.5090, 4.6791, -7.4624

Trichromacy



Original Color

62.7390, 66.6837, 31.8009

Protanomaly

61.9560, 53.7587, -22.7634

Deuteranomaly

62.1210, 46.7753, -22.9081

Tritanomaly

70.8570, 27.1855, 7.1414

Monochromacy



Original Color

62.7390, 66.6837, 31.8009

Achromatopsia

63.0000, 0.0000, 0.0000

Achromatomaly

63.0810, 24.1171, 11.3300

CSS Examples

Text

The CSS property to change the color of the text to YUV 62.7390, 66.6837, 31.8009 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(99, 18, 198)` looks like.

```
.text, #text, p{  
    color:rgb(99, 18, 198)  
}
```

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(99, 18, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 18, 198) }
```

Border

The CSS property to change the border of an element to YUV 62.7390, 66.6837, 31.8009 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(99, 18, 198) }
```


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

```
.border{ border-color:rgb(99, 18, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 18, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 18, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 18, 198);  
box-shadow:4px 4px 4px 4px rgb(99, 18,  
198) }
```

Background

The CSS property to change the background color of an element to YUV 62.7390, 66.6837, 31.8009 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 18, 198) }
```

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

```
.background{ background-color: rgb(99, 18,  
198) }
```

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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