

Converting Colors

YUV(63.6250, 66.2469, 31.9009)

Have a look what the booklet for
YUV(63.6250, 66.2469, 31.9009)
contains.

YUV(63.6250, 66.2469, 31.9009)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(63.6250, 66.2469,
31.9009)**

Conversions

Conversions Part 1

Format	Color
Hex	6413C6
RGB	100, 19, 198
RGB Percent	39%, 7%, 78%
CMY	0.6078, 0.9255, 0.2235
CMYK	0.49, 0.90, 0.00, 0.22
HSL	267°, 82%, 43%
HSV	267°, 90%, 78%
XYZ	15.6814, 7.2523, 53.9994
YIQ	63.6250, -9.1830, 72.8410

Conversions

Conversions Part 2

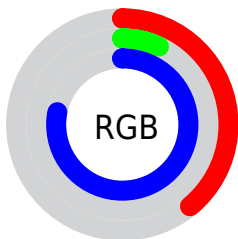
Format	Color
R_{YB}	100, 19, 198
Decimal	6558662
CIE _{Lab}	32.37, 65.72, -74.90
CIE _{LCh}	32, 99.650, 311.264
Yxy	7.2523, 0.2038, 0.0943
Android (android.graphics.Color)	4284748742 (0xFF6413C6)
YUV	63.6250, 66.2469, 31.9009
Hunter-Lab	26.9301, 56.8134, -100.0356

Details

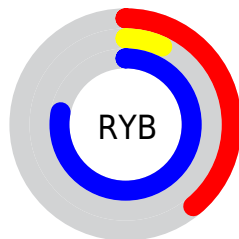
The YUV color **63.6250, 66.2469, 31.9009** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark washed purple. A complement of this color would be **153.3750, -66.2469, -31.9009**, and the grayscale version is **63.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **123.8700, 64.6471, 31.6860**, and **24.9730, 58.1873, 3.5317** is the 20% darker color. If you saturate the color by 10%, you get **49.4820, 73.2194, 35.5343**, and if you desaturate by 10%, it is **78.6540, 58.8376, 28.3674**.

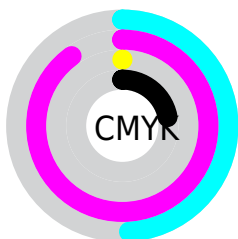
Distribution



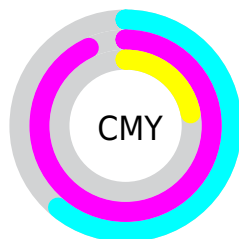
- Red (39%)
- Green (7%)
- Blue (78%)



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



- Cyan (49%)
- Magenta (90%)
- Yellow (0%)
- Black (22%)



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

Brightness & Saturation Gradients

These gradients show how the YUV color 63.6250, 66.2469, 31.9009 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 63.6250, 66.2469, 31.9009 by changing the saturation by 10% instead.

63.6250, 66.2469,
31.9009

63.6250, 66.2469,
31.9009

255.0000, 0.0000,
0.0000

39.7120, 64.2320,
24.8086

123.8700, 64.6471,
31.6860

24.9730, 58.1873,
3.5317

148.6890, 52.4113,
36.2297

13.2240, 50.6686,
-11.5974

173.5080, 40.1756,
40.7735

10.2600, 39.3118,
-8.9980

199.2130, 27.5030,
45.4172

11.6330, 26.8029,
-10.2021

216.8450, 18.8104,
33.4619


6.6630, 17.9141,
-5.8435

233.8680, 10.4181,


2.9810, 8.8834,


18.5328


-2.6143


 250.8910, 2.0257,
3.6036


 0.0000, 0.0000,
0.0000


 63.6250, 66.2469,
31.9009


 63.6250, 66.2469,
31.9009

 49.4820, 73.2194,
35.5343

 78.6540, 58.8376,
28.3674

 93.6830, 51.4283,
24.8340

 108.1250, 44.3084,
21.8154

 122.8550, 37.0465,
17.6672

 137.8840, 29.6372,
14.1337

■ 152.9130, 22.2279,
10.6003

■ 167.9420, 14.8186,
7.0669

■ 182.3840, 7.6987,
4.0482

■ 197.4130, 0.2894,
0.5148

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



63.6250, 66.2469, 31.9009



69.1240, 29.5189, 98.9923

Triad

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



63.6250, 66.2469, 31.9009



69.4050, -34.2167, 54.8958



71.8440, 16.3459, -63.0072

Complementary

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



63.6250, 66.2469, 31.9009



153.3750, -66.2469, -31.9009

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.



59.9370, -21.6609, -52.5647



63.6250, 66.2469, 31.9009



68.4550, -33.7483, -2.1530

Square

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



63.6250, 66.2469, 31.9009



53.5210, -26.3859, 110.0451



55.7650, -27.4921, -48.9059



81.6820, 48.9638, -71.6351

Rectangle

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



63.6250, 66.2469, 31.9009



68.2790, 4.2995, 114.6423



55.7650, -27.4921, -48.9059



68.1790, 4.8418, -59.7930

Sweetspot

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



63.6250, 66.2469, 31.9009



203.1350, 25.5694, 12.1596



96.9320, 49.8265, -68.3464



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.



63.6250, 66.2469, 31.9009



63.4550, 94.4317, 45.2050



90.2360, 53.1277, 86.6160



92.2220, 3.3416, 1.5593



40.7080, 60.2900, 29.1971



8.8880, 13.3662, 6.2372

Inverse Universe

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



83.6930, 16.4204, 100.2472



92.2050, 23.5629, 142.7712



126.7640, -53.1277, -86.6160



93.2610, 0.8573, 5.0331



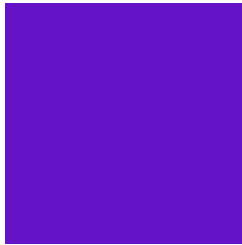
58.8830, 14.8477, 91.3106



13.0440, 3.4293, 20.1324

Previews

White Background



This preview shows how the YUV color 63.6250, 66.2469, 31.9009 looks on a white background.

Color Contrast Check

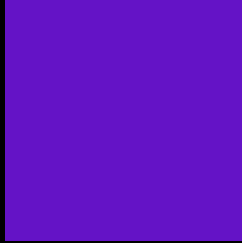
Large Text (above 18pt) WCAG AA ✓ Pass

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 63.6250, 66.2469, 31.9009 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

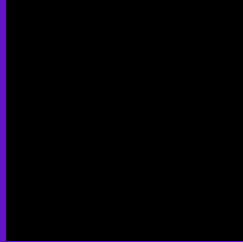
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 63.6250, 66.2469, 31.9009

Background



This preview shows how black text looks on a background with the YUV color 63.6250, 66.2469, 31.9009.



This preview shows how white text looks on a background with the YUV color 63.6250, 66.2469,

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

63.6250, 66.2469, 31.9009

Protanopia

61.9230, 46.8730, -54.3065

Deuteranopia

61.6490, 35.6690, -54.0662



Tritanopia

76.1070, 4.3842, -6.2328

Trichromacy



Original Color

63.6250, 66.2469, 31.9009

Protanomaly

62.6570, 53.9061, -23.3782

Deuteranomaly

62.1210, 46.7753, -22.9081

Tritanomaly

71.7430, 26.7487, 7.2414

Monochromacy



Original Color

63.6250, 66.2469, 31.9009

Achromatopsia

64.0000, 0.0000, 0.0000

Achromatomaly

64.0810, 24.1171, 11.3300

CSS Examples

Text

The CSS property to change the color of the text to YUV 63.6250, 66.2469, 31.9009 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(100, 19, 198)` looks like.

```
.text, #text, p{  
    color:rgb(100, 19, 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(100, 19, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 19, 198) }
```

Border

The CSS property to change the border of an element to YUV 63.6250, 66.2469, 31.9009 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(100, 19, 198) }
```


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

```
.border{ border-color:rgb(100, 19, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 19, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 19, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 19, 198);  
box-shadow:4px 4px 4px 4px rgb(100, 19,  
198) }
```

Background

The CSS property to change the background color of an element to YUV 63.6250, 66.2469, 31.9009 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 19, 198) }
```

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

```
.background{ background-color: rgb(100, 19,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor