

Converting Colors

YUV(66.4260, 0.7760, 31.1984)

Have a look what the booklet for
YUV(66.4260, 0.7760, 31.1984)
contains.

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Color

**YUV(66.4260, 0.7760,
31.1984)**

Conversions

Conversions Part 1

Format	Color
Hex	663044
RGB	102, 48, 68
RGB Percent	40%, 19%, 27%
CMY	0.6000, 0.8118, 0.7333
CMYK	0.00, 0.53, 0.33, 0.60
HSL	338°, 36%, 29%
HSV	338°, 53%, 40%
XYZ	7.5798, 5.3560, 6.1032
YIQ	66.4260, 25.7640, 17.6680

Conversions

Conversions Part 2

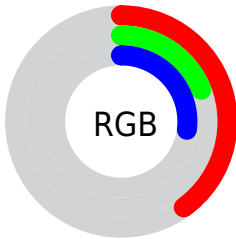
Format	Color
RYB	102, 48, 68
Decimal	6697028
CIELab	27.73, 26.74, -1.15
CIELCh	28, 26.768, 357.534
Yxy	5.3560, 0.3981, 0.2813
Android (android.graphics.Color)	4284887108 (0xFF663044)
YUV	66.4260, 0.7760, 31.1984
Hunter-Lab	23.1431, 17.9618, 0.5646

Details

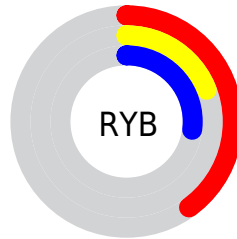
The YUV color **66.4260, 0.7760, 31.1984** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **83.5740, -0.7760, -31.1984**, and the grayscale version is **66.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **115.9210, 0.0389, 34.2723**, and **19.5720, 2.6760, 28.4394** is the 20% darker color. If you saturate the color by 10%, you get **59.8720, 1.0491, 36.9463**, and if you desaturate by 10%, it is **72.9800, 0.5029, 25.4505**.

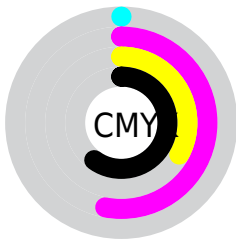
Distribution



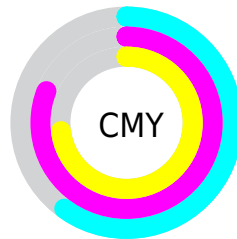
- Red (40%)
- Green (19%)
- Blue (27%)



- Red (40%)
- Yellow (19%)
- Blue (27%)



- Cyan (0%)
- Magenta (53%)
- Yellow (33%)
- Black (60%)



- Cyan (60%)
- Magenta (81%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YUV color 66.4260, 0.7760, 31.1984 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 66.4260, 0.7760, 31.1984 by changing the saturation by 10% instead.

■ 66.4260, 0.7760,
31.1984

■ 66.4260, 0.7760,
31.1984

■ 255.0000, 0.0000,
0.0000

■ 42.9420, 1.5076,
29.8689

■ 115.9210, 0.0389,
34.2723

■ 19.5720, 2.6760,
28.4394

■ 141.6330, 0.1809,
35.4019

■ 9.3830, -4.1328,
18.9581

■ 168.5300, -0.2613,
37.2462

■ 0.0000, 0.0000,
0.0000

■ 195.8290, -0.4087,
37.8610

■ 220.2410, 1.3602,
30.4836

■ 239.9830, 5.9244,

13.1699

■ 66.4260, 0.7760,
31.1984

■ 66.4260, 0.7760,
31.1984

■ 59.8720, 1.0491,
36.9463

■ 72.9800, 0.5029,
25.4505

■ 53.2040, 0.8854,
42.7941

■ 79.6480, 0.6665,
19.6027

■ 46.0630, 1.4479,
49.0567

■ 86.7890, 0.1040,
13.3400

■ 39.3950, 1.2843,
54.9046

■ 93.4570, 0.2677,
7.4922

■ 34.8300, 1.5628,
58.9081

■ 100.0110, -0.0054,
1.7444

■ 106.6790, 0.1583,
-4.1035

■ 113.2330, -0.1149,
-9.8513

■ 120.3740, -0.6774,
-16.1140

■ 127.0420, -0.5137,
-21.9618

Harmonies

Analogous

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



67.7540, 9.9813, 18.6327



66.4260, 0.7760, 31.1984



65.6190, -8.6862, 32.7831

Triad

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



66.4260, 0.7760, 31.1984



61.5100, -17.0134, -3.0783



54.2510, 22.5543, -47.5781

Complementary

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



66.4260, 0.7760, 31.1984



83.5740, -0.7760, -31.1984

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.



54.1880, 14.6973, -47.5229



66.4260, 0.7760, 31.1984



57.9080, -7.3496, -22.7213

Square

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



66.4260, 0.7760, 31.1984



63.8110, -20.1198, 13.3208



51.7940, 5.5246, -45.4233



58.2790, 23.5265, -32.6937

Rectangle

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



66.4260, 0.7760, 31.1984



65.1040, -14.3483, 28.8498



51.7940, 5.5246, -45.4233



54.2680, 20.0809, -47.5930

Sweetspot

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



66.4260, 0.7760, 31.1984



118.4900, 0.2514, 12.7253



64.0230, 18.7227, 14.8888



58.0440, -0.0217, 6.9774



194.0000, 0.0000, 0.0000



66.0000, 0.0000, 0.0000

Same Dimension

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



66.4260, 0.7760, 31.1984



76.9490, 1.0111, 49.1567



67.6680, -9.6963, 30.1092



47.7230, 0.1366, 2.8739



39.1730, 1.3937, 66.5003



82.6180, 3.6393, 139.7780

Inverse Universe

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



66.4260, 0.7760, 31.1984



76.9490, 1.0111, 49.1567



82.3320, 9.6963, -30.1092



47.7230, 0.1366, 2.8739



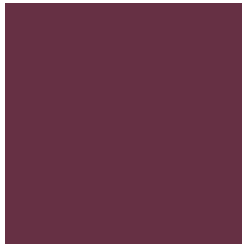
39.1730, 1.3937, 66.5003



82.6180, 3.6393, 139.7780

Previews

White Background



This preview shows how the YUV color 66.4260, 0.7760, 31.1984 looks on a white background.

Color Contrast Check

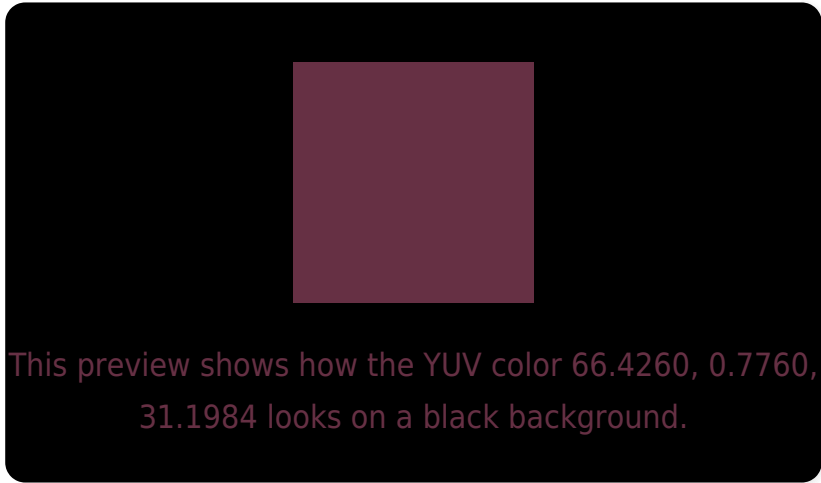
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

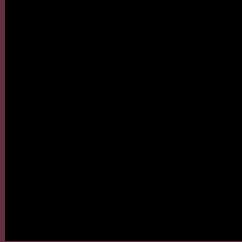
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 66.4260, 0.7760, 31.1984

Background



This preview shows how black text looks on a background with the YUV color 66.4260, 0.7760, 31.1984.



This preview shows how white text looks on a background with the YUV color 66.4260, 0.7760,

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

66.4260, 0.7760, 31.1984

Protanopia

66.5850, 6.1206, -3.1440

Deuteranopia

66.8050, -0.8899, 5.4330



Tritanopia

66.2920, -6.0600, 30.4389

Trichromacy



Original Color

66.4260, 0.7760, 31.1984

Protanomaly

66.2060, 4.3354, 9.4663

Deuteranomaly

66.6860, -0.3382, 15.1844

Tritanomaly

66.2750, -3.5866, 30.4538

Monochromacy



Original Color

66.4260, 0.7760, 31.1984

Achromatopsia

66.0000, 0.0000, 0.0000

Achromatomaly

65.8920, 0.5462, 11.4957

CSS Examples

Text

The CSS property to change the color of the text to YUV 66.4260, 0.7760, 31.1984 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(102, 48, 68)` looks like.

```
.text, #text, p{  
    color:rgb(102, 48, 68)  
}
```

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(102, 48, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 48, 68) }
```

Border

The CSS property to change the border of an element to YUV 66.4260, 0.7760, 31.1984 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(102, 48, 68) }
```


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

```
.border{ border-color:rgb(102, 48, 68) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 48, 68)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 48, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 48, 68);  
box-shadow:4px 4px 4px 4px rgb(102, 48,  
68) }
```

Background

The CSS property to change the background color of an element to YUV 66.4260, 0.7760, 31.1984 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 48, 68) }
```

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

```
.background{ background-color: rgb(102, 48,  
68) }
```

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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