

Converting Colors

YUV(167.3070, 31.4006, 8.5008)

Have a look what the booklet for
YUV(167.3070, 31.4006, 8.5008)
contains.

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Color

**YUV(167.3070, 31.4006,
8.5008)**

Conversions

Conversions Part 1

Format	Color
Hex	B196E7
RGB	177, 150, 231
RGB Percent	69%, 59%, 91%
CMY	0.3059, 0.4118, 0.0941
CMYK	0.23, 0.35, 0.00, 0.09
HSL	260°, 63%, 75%
HSV	260°, 35%, 91%
XYZ	43.4616, 36.9293, 80.4387
YIQ	167.3070, -9.9090, 30.9150

Conversions

Conversions Part 2

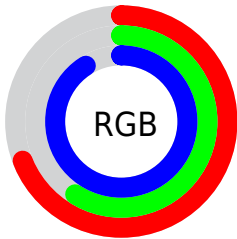
Format	Color
R_{YB}	177, 150, 231
Decimal	11638503
CIE _{Lab}	67.22, 26.48, -37.31
CIE _{LCh}	67, 45.753, 305.366
Yxy	36.9293, 0.2702, 0.2296
Android (android.graphics.Color)	4289828583 (0xFFB196E7)
YUV	167.3070, 31.4006, 8.5008
Hunter-Lab	60.7695, 21.3144, -35.9417

Details

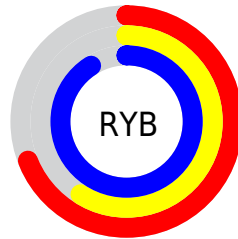
The YUV color **167.3070, 31.4006, 8.5008** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **213.6930, -31.4006, -8.5008**, and the grayscale version is **167.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **218.7840, 17.8545, 13.3444**, and **114.8400, 29.6589, 7.1563** is the 20% darker color. If you saturate the color by 10%, you get **149.3210, 40.2677, 11.1195**, and if you desaturate by 10%, it is **185.2930, 22.5336, 5.8820**.

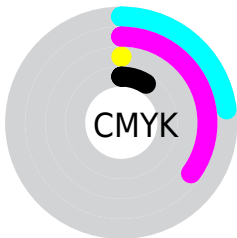
Distribution



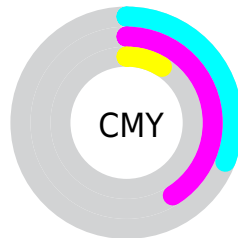
- Red (69%)
- Green (59%)
- Blue (91%)



- Red (69%)
- Yellow (59%)
- Blue (91%)



- Cyan (23%)
- Magenta (35%)
- Yellow (0%)
- Black (9%)



- Cyan (31%)
- Magenta (41%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YUV color 167.3070, 31.4006, 8.5008 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 167.3070, 31.4006, 8.5008 by changing the saturation by 10% instead.

■ 167.3070, 31.4006,
8.5008

■ 167.3070, 31.4006,
8.5008

255.0000, 0.0000,
0.0000

■ 140.7800, 30.6745,
8.0859

■ 218.7840, 17.8545,
13.3444

■ 114.8400, 29.6589,
7.1563

■ 242.0860, 6.3666,
11.3256

■ 89.9000, 28.6433,
6.2267

■ 65.6610, 27.7751,
4.6823

■ 42.4220, 26.9070,
3.1379

■ 19.2860, 26.4810,
-0.2508

■ 5.7000, 21.8399,

-4.9989

■ 3.7790, 11.9410,
-3.3142

■ 0.0000, 0.0000,
0.0000

■ 167.3070, 31.4006,
8.5008

■ 167.3070, 31.4006,
8.5008

■ 149.3210, 40.2677,
11.1195

■ 185.2930, 22.5336,
5.8820

■ 131.0360, 49.2823,
13.1234

■ 203.5780, 13.5190,
3.8781

■ 113.0500, 58.1493,
15.7422

■ 221.5640, 4.6519,
1.2594

■ 94.7650, 67.1639,
17.7461

■ 239.8490, -4.3626,
-0.7446

■ 76.7790, 76.0310,
20.3648

■ 251.9650,
-10.3357, 1.7847

■ 58.2060, 85.1874,
23.4983

■ 252.2640,
-10.4832, 2.3995

■ 49.3570, 89.5500,
24.2429

Harmonies

Analogous

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



157.3760, 43.1986, -42.4258



167.3070, 31.4006, 8.5008



168.5970, 14.9887, 45.9574

Triad

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



167.3070, 31.4006, 8.5008



162.1930, -36.0841, 47.1887



127.9750, 20.7183, -112.2341

Complementary

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



167.3070, 31.4006, 8.5008



213.6930, -31.4006, -8.5008

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.



146.2430, -8.9938, -55.4641



167.3070, 31.4006, 8.5008



159.6920, -39.7812, 19.5641

Square

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



167.3070, 31.4006, 8.5008



163.8590, -22.6085, 65.0217



154.7030, -29.9266, -14.6485



131.3610, 38.7690, -115.2036

Rectangle

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



167.3070, 31.4006, 8.5008



166.7810, 2.5730, 61.5821



154.7030, -29.9266, -14.6485



129.0810, 13.2711, -103.5570

Sweetspot

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



167.3070, 31.4006, 8.5008



232.8830, 10.9037, 2.7336



190.9320, 19.7535, -35.8974



114.4330, 6.6885, 1.3743



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.



167.3070, 31.4006, 8.5008



170.9620, 41.4307, 11.4343



179.5660, 25.3570, 33.7066



105.5640, 4.6519, 1.2594



38.0470, 69.4898, 18.3758



10.8970, 19.7708, 5.3523

Inverse Universe

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



180.3750, 11.6471, 44.3981



188.0870, 15.2401, 58.6827



201.4340, -25.3570, -33.7066



107.5000, 1.7255, 6.5775



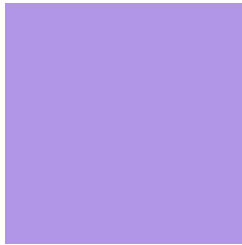
67.0870, 25.5931, 98.1477



19.1250, 7.3334, 27.9544

Previews

White Background



This preview shows how the YUV color 167.3070, 31.4006, 8.5008 looks on a white background.

Color Contrast Check

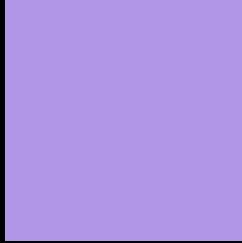
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 167.3070, 31.4006, 8.5008 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

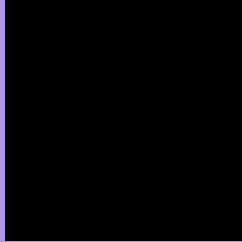
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 167.3070, 31.4006, 8.5008

Background



This preview shows how black text looks on a background with the YUV color 167.3070, 31.4006, 8.5008.



This preview shows how white text looks on a background with the YUV color 167.3070, 31.4006, 8.5008.

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

167.3070, 31.4006, 8.5008

Protanopia

163.1290, 37.8974, -22.0381

Deuteranopia

163.6580, 32.2136, -18.9941



Tritanopia

164.8630, 4.5045, 1.8741

Trichromacy



Original Color

167.3070, 31.4006, 8.5008

Protanomaly

164.6250, 35.6809, -11.0721

Deuteranomaly

165.3110, 31.8917, -9.0427

Tritanomaly

166.1050, 14.2452, 4.2929

Monochromacy



Original Color

167.3070, 31.4006, 8.5008

Achromatopsia

167.0000, 0.0000, 0.0000

Achromatomaly

167.2960, 11.1931, 3.2484

CSS Examples

Text

The CSS property to change the color of the text to YUV 167.3070, 31.4006, 8.5008 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(177, 150, 231)` looks like.

```
.text, #text, p{  
    color:rgb(177, 150, 231)  
}
```

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(177, 150, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 150, 231) }
```

Border

The CSS property to change the border of an element to YUV 167.3070, 31.4006, 8.5008 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(177, 150, 231) }
```


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

```
.border{ border-color:rgb(177, 150, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 150, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 150, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 150, 231);  
box-shadow:4px 4px 4px 4px rgb(177, 150,  
231) }
```

Background

The CSS property to change the background color of an element to YUV 167.3070, 31.4006, 8.5008 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 150, 231) }
```

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

```
.background{ background-color: rgb(177,  
150, 231) }
```

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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