

Converting Colors

YUV(163.3220, 31.8863,
-7.2984)

Have a look what the booklet for
YUV(163.3220, 31.8863, -7.2984)
contains.

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Color

**YUV(163.3220, 31.8863,
-7.2984)**

Conversions

Conversions Part 1

Format	Color
Hex	9B9BE4
RGB	155, 155, 228
RGB Percent	61%, 61%, 89%
CMY	0.3922, 0.3922, 0.1059
CMYK	0.32, 0.32, 0.00, 0.11
HSL	240°, 57%, 75%
HSV	240°, 32%, 89%
XYZ	39.2425, 36.0127, 78.2816
YIQ	163.3220, -23.4330, 22.7030

Conversions

Conversions Part 2

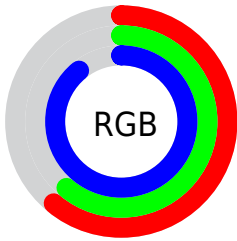
Format	Color
R_{YB}	155, 155, 228
Decimal	10197988
CIE _{Lab}	66.53, 16.58, -36.88
CIE _{LCh}	67, 40.434, 294.213
Yxy	36.0127, 0.2556, 0.2346
Android (android.graphics.Color)	4288388068 (0xFF9B9BE4)
YUV	163.3220, 31.8863, -7.2984
Hunter-Lab	60.0106, 11.7074, -35.3343

Details

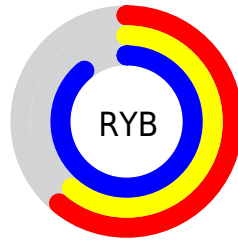
The YUV color $163.3220, 31.8863, -7.2984$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $219.6780, -31.8863, 7.2984$, and the grayscale version is $163.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $214.8420, 19.7979, -3.3694$, and $110.8550, 30.1445, -8.6428$ is the 20% darker color. If you saturate the color by 10%, you get $142.9440, 41.9326, -9.5979$, and if you desaturate by 10%, it is $183.7000, 21.8399, -4.9989$.

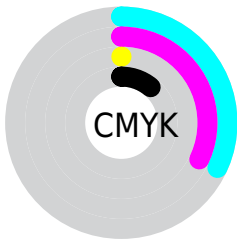
Distribution



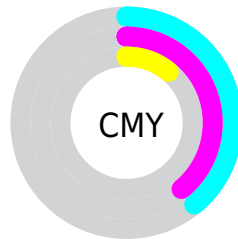
- Red (61%)
- Green (61%)
- Blue (89%)



- Red (61%)
- Yellow (61%)
- Blue (89%)



- Cyan (32%)
- Magenta (32%)
- Yellow (0%)
- Black (11%)



- Cyan (39%)
- Magenta (39%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 163.3220, 31.8863, -7.2984 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 163.3220, 31.8863, -7.2984 by changing the saturation by 10% instead.

■ 163.3220, 31.8863,
-7.2984

■ 163.3220, 31.8863,
-7.2984

255.0000, 0.0000,
0.0000

■ 136.7950, 31.1601,
-7.7132

■ 214.8420, 19.7979,
-3.3694

■ 110.8550, 30.1445,
-8.6428

■ 240.5360, 7.1308,
-0.4701

■ 85.9150, 29.1289,
-9.5725

■ 61.6760, 28.2607,
-11.1169

■ 37.5290, 27.8402,
-16.2499

■ 17.3720, 25.9456,
-15.2352

■ 6.5320, 19.9507,

-5.7286

■ 3.5510, 11.0674,
-3.1142

■ 0.0000, 0.0000,
0.0000

■ 163.3220, 31.8863,
-7.2984

■ 163.3220, 31.8863,
-7.2984

■ 142.9440, 41.9326,
-9.5979

■ 183.7000, 21.8399,
-4.9989

■ 122.5660, 51.9790,
-11.8974

■ 204.0780, 11.7935,
-2.6994

■ 103.0740, 61.5885,
-14.0969

■ 223.5700, 2.1840,
-0.4999

■ 82.6960, 71.6349,
-16.3964

■ 243.9480, -7.8624,
1.7996

■ 62.3180, 81.6812,
-18.6959

■ 251.9220,
-11.7935, 2.6994

■ 41.9400, 91.7276,
-20.9954

■ 25.9920, 99.5899,
-22.7950

Harmonies

Analogous

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



152.5010, 40.1790, -53.9364



163.3220, 31.8863, -7.2984



166.8230, 18.8213, 29.9732

Triad

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



163.3220, 31.8863, -7.2984



161.5660, -28.3800, 49.4926



140.1450, 6.3375, -72.9182

Complementary

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



163.3220, 31.8863, -7.2984



219.6780, -31.8863, 7.2984

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.



150.2520, -15.9002, -33.5470



163.3220, 31.8863, -7.2984



159.4140, -34.7141, 27.7009

Square

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



163.3220, 31.8863, -7.2984



163.5900, -14.5879, 59.1186



156.2640, -30.6962, -1.1085



127.9070, 30.6118, -112.1744

Rectangle

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



163.3220, 31.8863, -7.2984



165.8870, 8.4367, 47.4571



156.2640, -30.6962, -1.1085



145.0560, -1.9996, -58.8081

Sweetspot

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



163.3220, 31.8863, -7.2984



232.8500, 10.9200, -2.4994



206.1730, 10.7607, -44.8787



113.8240, 6.9888, -1.5996



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.



163.3220, 31.8863, -7.2984



169.0580, 42.3694, -9.6979



174.3850, 26.4322, 15.4484



104.3680, 5.2416, -1.1997



20.4060, 78.1868, -17.8961



5.8140, 22.2767, -5.0989

Inverse Universe

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



185.1490, 21.1255, 37.5803



198.0610, 28.0709, 49.9355



208.9140, -26.5796, -14.8336



107.9560, 3.4727, 6.1776



73.9270, 51.8010, 92.1490



21.0630, 14.7589, 26.2547

Previews

White Background



This preview shows how the YUV color 163.3220, 31.8863, -7.2984 looks on a white background.

Color Contrast Check

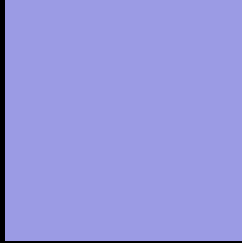
Large Text (above 18pt) WCAG AA × Fail

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 163.3220, 31.8863, -7.2984 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

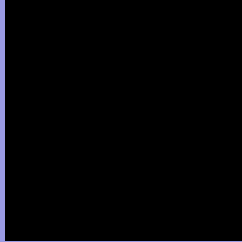
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 163.3220, 31.8863, -7.2984

Background



This preview shows how black text looks on a background with the YUV color 163.3220, 31.8863, -7.2984.



This preview shows how white text looks on a background with the YUV color 163.3220, 31.8863, -7.2984.

-7.2984.

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

163.3220, 31.8863, -7.2984

Protanopia

161.2280, 34.3976, -19.4940

Deuteranopia

161.3590, 32.3610, -19.6088



Tritanopia

160.2030, 8.7739, -14.2100

Trichromacy



Original Color

163.3220, 31.8863, -7.2984

Protanomaly

162.3210, 33.3657, -15.1905

Deuteranomaly

161.9790, 32.0554, -14.8906

Tritanomaly

161.1030, 17.2042, -11.4913

Monochromacy



Original Color

163.3220, 31.8863, -7.2984

Achromatopsia

163.0000, 0.0000, 0.0000

Achromatomaly

163.0780, 11.7935, -2.6994

CSS Examples

Text

The CSS property to change the color of the text to YUV 163.3220, 31.8863, -7.2984 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(155, 155, 228)` looks like.

```
.text, #text, p{  
    color:rgb(155, 155, 228)  
}
```

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(155, 155, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 155, 228) }
```

Border

The CSS property to change the border of an element to YUV 163.3220, 31.8863, -7.2984 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(155, 155, 228) }
```


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

```
.border{ border-color:rgb(155, 155, 228) }
```

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

Here you see how a box with a 4 pixel rgb(155, 155, 228) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 155, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 155, 228);  
box-shadow:4px 4px 4px 4px rgb(155, 155,  
228) }
```

Background

The CSS property to change the background color of an element to YUV 163.3220, 31.8863, -7.2984 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 155, 228) }
```

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

```
.background{ background-color: rgb(155,  
155, 228) }
```

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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