

Converting Colors

YUV(164.0400, 33.0113, 5.2269)

Have a look what the booklet for
YUV(164.0400, 33.0113, 5.2269)
contains.

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Color

**YUV(164.0400, 33.0113,
5.2269)**

Conversions

Conversions Part 1

Format	Color
Hex	AA94E7
RGB	170, 148, 231
RGB Percent	67%, 58%, 91%
CMY	0.3333, 0.4196, 0.0941
CMYK	0.26, 0.36, 0.00, 0.09
HSL	256°, 63%, 74%
HSV	256°, 36%, 91%
XYZ	41.5913, 35.4954, 80.2605
YIQ	164.0400, -13.5310, 30.4770

Conversions

Conversions Part 2

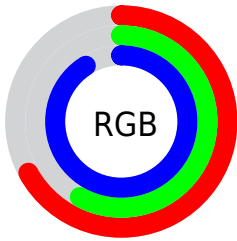
Format	Color
RYB	170, 148, 231
Decimal	11179239
CIELab	66.13, 25.58, -39.06
CIElCh	66, 46.689, 303.220
Yxy	35.4954, 0.2643, 0.2256
Android (android.graphics.Color)	4289369319 (0xFFAA94E7)
YUV	164.0400, 33.0113, 5.2269
Hunter-Lab	59.5780, 20.3490, -38.1679

Details

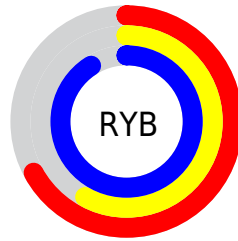
The YUV color **164.0400, 33.0113, 5.2269** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **214.9600, -33.0113, -5.2269**, and the grayscale version is **164.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **215.5170, 19.4651, 10.0706**, and **111.5730, 31.2695, 3.8825** is the 20% darker color. If you saturate the color by 10%, you get **145.4560, 42.1732, 6.6161**, and if you desaturate by 10%, it is **182.6240, 23.8494, 3.8378**.

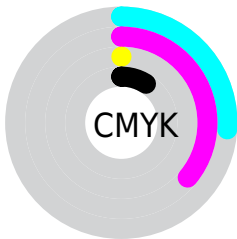
Distribution



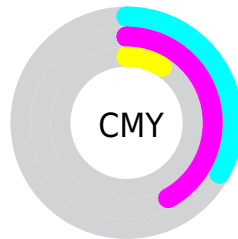
- Red (67%)
- Green (58%)
- Blue (91%)



- Red (67%)
- Yellow (58%)
- Blue (91%)



- Cyan (26%)
- Magenta (36%)
- Yellow (0%)
- Black (9%)



- Cyan (33%)
- Magenta (42%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YUV color 164.0400, 33.0113, 5.2269 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 164.0400, 33.0113, 5.2269 by changing the saturation by 10% instead.

■ 164.0400, 33.0113,
5.2269

■ 164.0400, 33.0113,
5.2269

255.0000, 0.0000,
0.0000

■ 137.5130, 32.2851,
4.8121

■ 215.5170, 19.4651,
10.0706

■ 111.5730, 31.2695,
3.8825

■ 240.3250, 7.2348,
12.8700

■ 86.6330, 30.2539,
2.9529

■ 62.3940, 29.3858,
1.4085

■ 39.4430, 28.3756,
-1.2655

■ 14.6980, 28.2499,
-7.6281

■ 5.5860, 21.4031,

-4.8989

■ 3.6650, 11.5042,
-3.2142

■ 0.0000, 0.0000,
0.0000

■ 164.0400, 33.0113,
5.2269

■ 164.0400, 33.0113,
5.2269

■ 145.4560, 42.1732,
6.6161

■ 182.6240, 23.8494,
3.8378

■ 126.8720, 51.3351,
8.0053

■ 201.2080, 14.6875,
2.4486

■ 108.2880, 60.4970,
9.3944

■ 219.7920, 5.5255,
1.0594

■ 89.7040, 69.6589,
10.7836

■ 238.3760, -3.6364,
-0.3298

■ 71.1200, 78.8208,
12.1728

■ 252.2640,
-10.4832, 2.3995

■ 51.9490, 88.2721,
14.0767

■ 44.5730, 91.9085,
14.4065

Harmonies

Analogous

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



153.0870, 44.8201, -49.1883



164.0400, 33.0113, 5.2269



165.3410, 16.5939, 44.4279

Triad

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



164.0400, 33.0113, 5.2269



159.5030, -36.2370, 49.5479



125.5300, 18.9657, -110.0898

Complementary

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



164.0400, 33.0113, 5.2269



214.9600, -33.0113, -5.2269

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.



143.6840, -11.1832, -53.2199



164.0400, 33.0113, 5.2269



156.7740, -40.8076, 22.1232

Square

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



164.0400, 33.0113, 5.2269



161.0980, -21.7403, 66.5661



152.2580, -31.6792, -12.5043



129.6170, 37.1638, -113.6741

Rectangle

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



164.0400, 33.0113, 5.2269



164.1230, 3.8834, 61.2821



152.2580, -31.6792, -12.5043



124.7170, 11.9715, -106.7458

Sweetspot

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



164.0400, 33.0113, 5.2269



232.2850, 11.1985, 1.5041



193.8560, 18.3120, -40.2157



114.1340, 6.8359, 0.7595



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.



164.0400, 33.0113, 5.2269



166.2110, 43.7730, 6.8310



176.0000, 27.1150, 29.8180



105.2650, 4.7994, 0.6446



34.4590, 71.2587, 10.9985



10.0000, 20.2130, 3.5080

Inverse Universe

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



179.7710, 14.4099, 44.9278



187.1240, 19.1659, 59.5273



203.0000, -27.1150, -29.8180



107.6140, 2.1623, 6.4775



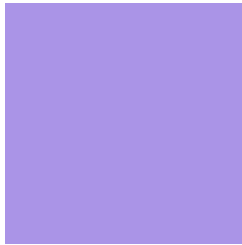
68.4550, 30.8347, 96.9480



19.4670, 8.6438, 27.6544

Previews

White Background



This preview shows how the YUV color 164.0400, 33.0113, 5.2269 looks on a white background.

Color Contrast Check

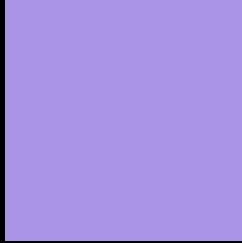
Large Text (above 18pt) WCAG AA × Fail

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 164.0400, 33.0113, 5.2269 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

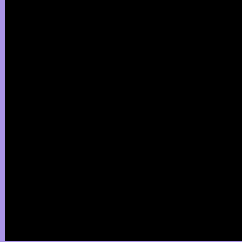
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 164.0400, 33.0113, 5.2269

Background



This preview shows how black text looks on a background with the YUV color 164.0400, 33.0113, 5.2269.



This preview shows how white text looks on a background with the YUV color 164.0400, 33.0113,

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

164.0400, 33.0113, 5.2269

Protanopia

159.7590, 39.0658, -23.4676

Deuteranopia

159.8040, 34.1136, -21.7531



Tritanopia

161.1830, 5.8258, -1.9145

Trichromacy



Original Color

164.0400, 33.0113, 5.2269

Protanomaly

160.9560, 36.9967, -13.1164

Deuteranomaly

161.4570, 33.7917, -11.8018

Tritanomaly

162.4250, 15.5665, 0.5043

Monochromacy



Original Color

164.0400, 33.0113, 5.2269

Achromatopsia

164.0000, 0.0000, 0.0000

Achromatomaly

163.8120, 11.9247, 1.9189

CSS Examples

Text

The CSS property to change the color of the text to YUV 164.0400, 33.0113, 5.2269 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(170, 148, 231)` looks like.

```
.text, #text, p{  
    color:rgb(170, 148, 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(170, 148, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 148, 231) }
```

Border

The CSS property to change the border of an element to YUV 164.0400, 33.0113, 5.2269 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(170, 148, 231) }
```


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

```
.border{ border-color:rgb(170, 148, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 148, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 148, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 148, 231);  
box-shadow:4px 4px 4px 4px rgb(170, 148,  
231) }
```

Background

The CSS property to change the background color of an element to YUV 164.0400, 33.0113, 5.2269 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 148, 231) }
```

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

```
.background{ background-color: rgb(170,  
148, 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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