

Converting Colors

YUV(164.9320, 30.1065, 3.5676)

Have a look what the booklet for
YUV(164.9320, 30.1065, 3.5676)
contains.

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Color

**YUV(164.9320, 30.1065,
3.5676)**

Conversions

Conversions Part 1

Format	Color
Hex	A997E2
RGB	169, 151, 226
RGB Percent	66%, 59%, 89%
CMY	0.3373, 0.4078, 0.1137
CMYK	0.25, 0.33, 0.00, 0.11
HSL	254°, 56%, 74%
HSV	254°, 33%, 89%
XYZ	41.1563, 36.0592, 76.7425
YIQ	164.9320, -13.3470, 27.1410

Conversions

Conversions Part 2

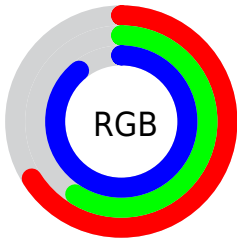
Format	Color
R _Y B	169, 151, 226
Decimal	11114466
CIE Lab	66.57, 22.39, -35.63
CIE LCh	67, 42.082, 302.139
Yxy	36.0592, 0.2673, 0.2342
Android (android.graphics.Color)	4289304546 (0xFFA997E2)
YUV	164.9320, 30.1065, 3.5676
Hunter-Lab	60.0493, 17.2530, -33.7375

Details

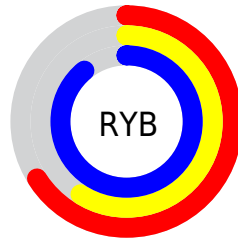
The YUV color **164.9320, 30.1065, 3.5676** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **212.0680, -30.1065, -3.5676**, and the grayscale version is **165.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **216.6800, 18.8918, 7.2966**, and **112.4650, 28.3648, 2.2232** is the 20% darker color. If you saturate the color by 10%, you get **146.3480, 39.2684, 4.9568**, and if you desaturate by 10%, it is **183.5160, 20.9446, 2.1785**.

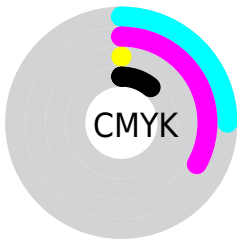
Distribution



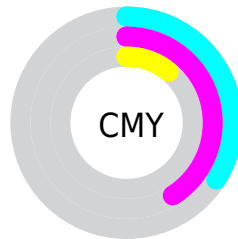
- Red (66%)
- Green (59%)
- Blue (89%)



- Red (66%)
- Yellow (59%)
- Blue (89%)



- Cyan (25%)
- Magenta (33%)
- Yellow (0%)
- Black (11%)



- Cyan (34%)
- Magenta (41%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 164.9320, 30.1065, 3.5676 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 164.9320, 30.1065, 3.5676 by changing the saturation by 10% instead.

■ 164.9320, 30.1065,
3.5676

■ 164.9320, 30.1065,
3.5676

■ 255.0000, 0.0000,
0.0000

■ 138.4050, 29.3803,
3.1528

■ 216.6800, 18.8918,
7.2966

■ 112.4650, 28.3648,
2.2232

■ 242.3740, 6.2246,
10.1960

■ 87.6390, 27.7860,
1.1936

■ 63.6990, 26.7704,
0.2640

■ 40.7480, 25.7602,
-2.4100

■ 17.3130, 25.4817,
-6.4135

■ 5.2440, 20.0927,

-4.5990

■ 3.3230, 10.1938,
-2.9143

■ 0.0000, 0.0000,
0.0000

■ 164.9320, 30.1065,
3.5676

■ 164.9320, 30.1065,
3.5676

■ 146.3480, 39.2684,
4.9568

■ 183.5160, 20.9446,
2.1785

■ 128.3510, 48.1410,
5.8312

■ 201.5130, 12.0721,
1.3041

■ 109.4680, 57.4503,
6.6056

■ 220.3960, 2.7628,
0.5297

■ 91.4710, 66.3228,
7.4799

■ 238.3930, -6.1097,
-0.3447

■ 72.8870, 75.4847,
8.8691

■ 251.6940,
-12.6671, 2.8994

■ 54.3030, 84.6466,
10.2583

■ 41.9100, 90.7564,
10.6029

Harmonies

Analogous

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



155.8660, 39.9991, -42.8555



164.9320, 30.1065, 3.5676



166.6670, 15.4472, 38.8800

Triad

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



164.9320, 30.1065, 3.5676



161.2190, -32.1530, 46.2889



130.2000, 16.1704, -100.1534

Complementary

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



164.9320, 30.1065, 3.5676



212.0680, -30.1065, -3.5676

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.



148.0270, -11.3523, -45.6277



164.9320, 30.1065, 3.5676



158.9140, -36.4396, 21.1234

Square

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



164.9320, 30.1065, 3.5676



162.7490, -19.1033, 60.7331



154.9640, -29.0693, -9.6154



129.1610, 35.4166, -113.2742

Rectangle

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



164.9320, 30.1065, 3.5676



165.3780, 3.7576, 54.9195



154.9640, -29.0693, -9.6154



139.4930, 5.1800, -74.9774

Sweetspot

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



164.9320, 30.1065, 3.5676



234.6440, 10.0355, 1.1892



193.0090, 16.2646, -36.8419



115.0200, 6.3991, 0.8595



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.



164.9320, 30.1065, 3.5676



171.8040, 41.0156, 4.5569



175.9950, 24.6525, 26.3144



103.1510, 4.3626, 0.7446



32.6220, 70.6854, 8.2245



9.0600, 19.1974, 2.5784

Inverse Universe

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



179.9230, 13.8420, 40.4095



192.3900, 19.0347, 54.9090



201.0050, -24.6525, -26.3144



105.3150, 2.3097, 5.8627



67.9000, 32.5873, 94.8037



18.5700, 9.0860, 25.8101

Previews

White Background



This preview shows how the YUV color 164.9320, 30.1065, 3.5676 looks on a white background.

Color Contrast Check

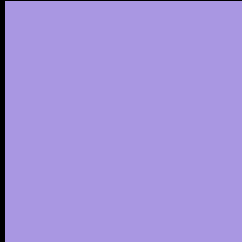
Large Text (above 18pt) WCAG AA × Fail

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 164.9320, 30.1065, 3.5676 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

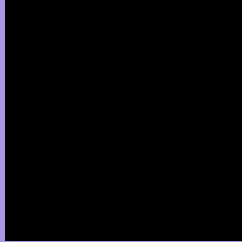
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 164.9320, 30.1065, 3.5676

Background



This preview shows how black text looks on a background with the YUV color 164.9320, 30.1065, 3.5676.



This preview shows how white text looks on a background with the YUV color 164.9320, 30.1065,

3.5676.

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

164.9320, 30.1065, 3.5676

Protanopia

161.1570, 35.4186, -20.3087

Deuteranopia

161.6150, 30.7558, -18.0794



Tritanopia

161.8840, 5.9732, -2.5293

Trichromacy



Original Color

164.9320, 30.1065, 3.5676

Protanomaly

162.3430, 33.3549, -11.7018

Deuteranomaly

162.9580, 30.5867, -10.4872

Tritanomaly

162.8980, 14.8403, 0.0895

Monochromacy



Original Color

164.9320, 30.1065, 3.5676

Achromatopsia

165.0000, 0.0000, 0.0000

Achromatomaly

164.8720, 10.9091, 0.9893

CSS Examples

Text

The CSS property to change the color of the text to YUV 164.9320, 30.1065, 3.5676 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(169, 151, 226)` looks like.

```
.text, #text, p{  
    color:rgb(169, 151, 226)  
}
```

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(169, 151, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 151, 226) }
```

Border

The CSS property to change the border of an element to YUV 164.9320, 30.1065, 3.5676 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(169, 151, 226) }
```


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

```
.border{ border-color:rgb(169, 151, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 151, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 151, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 151, 226);  
box-shadow:4px 4px 4px 4px rgb(169, 151,  
226) }
```

Background

The CSS property to change the background color of an element to YUV 164.9320, 30.1065, 3.5676 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 151, 226) }
```

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

```
.background{ background-color: rgb(169,  
151, 226) }
```

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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