

Converting Colors

YUV(166.9040, -81.7907,
7.1002)

Have a look what the booklet for
YUV(166.9040, -81.7907, 7.1002)
contains.

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Color

**YUV(166.9040, -81.7907,
7.1002)**

Conversions

Conversions Part 1

Format	Color
Hex	AFC301
RGB	175, 195, 1
RGB Percent	69%, 76%, 0%
CMY	0.3137, 0.2353, 0.9961
CMYK	0.10, 0.00, 0.99, 0.24
HSL	66°, 99%, 38%
HSV	66°, 99%, 76%
XYZ	37.1998, 48.1464, 7.3613
YIQ	166.9040, 50.3540, -64.5740

Conversions

Conversions Part 2

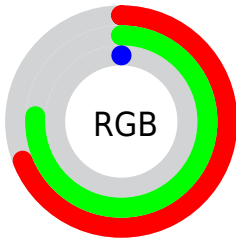
Format	Color
R _Y B	1, 195, 21
Decimal	11518721
CIE Lab	74.92, -26.15, 75.28
CIE LCh	75, 79.689, 109.153
Yxy	48.1464, 0.4013, 0.5193
Android (android.graphics.Color)	4289708801 (0xFFAFC301)
YUV	166.9040, -81.7907, 7.1002
Hunter-Lab	69.3876, -25.7316, 42.2813

Details

The YUV color **166.9040, -81.7907, 7.1002** is a dark color, and the websafe version is hex **CCCC00**. The color can be described as dark washed chartreuse. A complement of this color would be **29.0960, 81.7907, -7.1002**, and the grayscale version is **168.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **226.6510, -71.3129, 6.4451**, and **118.0490, -58.1982, -0.0430** is the 20% darker color. If you saturate the color by 10%, you get **166.7900, -82.2275, 7.2002**, and if you desaturate by 10%, it is **169.6680, -73.7863, 6.4302**.

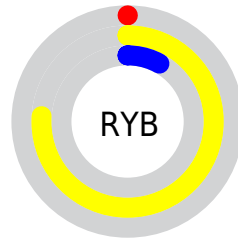
Distribution



Red (69%)

Green (76%)

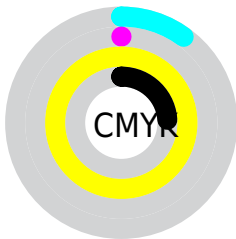
Blue (0%)



Red (0%)

Yellow (76%)

Blue (8%)

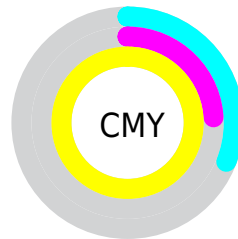


Cyan (10%)

Magenta (0%)

Yellow (99%)

Black (24%)



Cyan (31%)

Magenta (24%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 166.9040, -81.7907, 7.1002 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 166.9040, -81.7907, 7.1002 by changing the saturation by 10% instead.

■ 166.9040,
-81.7907, 7.1002

■ 166.9040,
-81.7907, 7.1002

■ 255.0000, 0.0000,
0.0000

■ 142.2700,
-70.1391, 3.2712

■ 226.6510,
-71.3129, 6.4451

■ 118.0490,
-58.1982, -0.0430

■ 238.5840,
-62.8989, 14.3968

■ 95.0020, -46.8360,
-4.3868

■ 241.8900,
-50.2318, 11.4975

■ 71.9550, -35.4738,
-8.7305

■ 245.1960,
-37.5646, 8.5981

■ 50.0820, -24.6904,
-14.1039

■ 248.5020,
-24.8975, 5.6987

■ 27.6110, -13.6122,
-20.7068

■ 251.8080,

■ 15.2620, -7.5242,

-12.2303, 2.7994

-13.3848

■ 0.0000, 0.0000,
0.0000

■ 166.9040,
-81.7907, 7.1002

■ 166.9040,
-81.7907, 7.1002

■ 166.7900,
-82.2275, 7.2002

■ 169.6680,
-73.7863, 6.4302

■ 172.5460,
-65.3452, 5.6602

■ 175.4240,
-56.9040, 4.8902

■ 178.1880,
-48.8997, 4.2201

■ 180.9520,
-40.8953, 3.5501

■ 183.8300,
-32.4542, 2.7801

■ 186.5940,
-24.4498, 2.1101

■ 189.4720,
-16.0087, 1.3401

■ 192.3500, -7.5675,
0.5701

Harmonies

Analogous

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



172.7350, -85.1584, 60.7454



166.9040, -81.7907, 7.1002



155.8370, -36.8946, -66.5090

Triad

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



166.9040, -81.7907, 7.1002



154.6880, 49.4538, -135.6614



166.9720, 23.1848, 77.2006

Complementary

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



166.9040, -81.7907, 7.1002



29.0960, 81.7907, -7.1002

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.



186.5650, 33.7385, 52.1245



166.9040, -81.7907, 7.1002



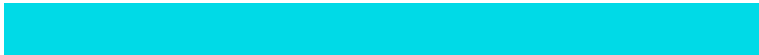
147.0570, 53.2159, -128.9690

Square

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



166.9040, -81.7907, 7.1002



154.3000, 37.8131, -135.3211



170.3550, 41.7300, -38.0223



158.6500, -8.7015, 84.4989

Rectangle

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



166.9040, -81.7907, 7.1002



140.9110, -5.8721, -123.5789



170.3550, 41.7300, -38.0223



174.4040, 31.3528, 70.6827

Sweetspot

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



166.9040, -81.7907, 7.1002



241.3570, -31.7280, 3.1949



70.1590, -34.0954, 109.4856



121.2610, -19.3557, 1.5251



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.



166.9040, -81.7907, 7.1002



215.4980, -106.2405, 9.2103



138.2000, -67.6396, -51.9184



95.5610, -4.2206, 0.3850



137.5630, -67.8186, 5.6452



28.3410, -13.9721, 1.4549

Inverse Universe

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



29.0960, 81.7907, -7.1002



36.5020, 106.2405, -9.2103



57.8000, 67.6396, 51.9184



88.4390, 4.2206, -0.3850



23.4370, 67.8186, -5.6452



4.6590, 13.9721, -1.4549

Previews

White Background



This preview shows how the YUV color 166.9040, -81.7907, 7.1002 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 166.9040, -81.7907, 7.1002 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

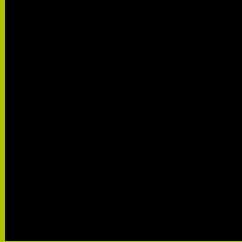
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 166.9040, -81.7907, 7.1002

Background



This preview shows how black text looks on a background with the YUV color 166.9040, -81.7907, 7.1002.



This preview shows how white text looks on a background with the YUV color 166.9040, -81.7907, 7.1002.

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

166.9040, -81.7907, 7.1002

Protanopia

170.7870, -84.1980, 32.6358

Deuteranopia

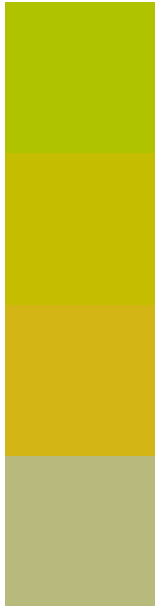
175.8550, -70.4275, 49.2392



Tritanopia

185.1020, 5.3727, 3.4185

Trichromacy



Original Color

166.9040, -81.7907, 7.1002

Protanomaly

169.5470, -83.5867, 23.1993

Deuteranomaly

172.3170, -74.5993, 33.9250

Tritanomaly

178.4480, -26.3499, 4.8691

Monochromacy



Original Color

166.9040, -81.7907, 7.1002

Achromatopsia

167.0000, 0.0000, 0.0000

Achromatomaly

166.9270, -29.5440, 2.6950

CSS Examples

Text

The CSS property to change the color of the text to YUV 166.9040, -81.7907, 7.1002 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(175, 195, 1)` looks like.

```
.text, #text, p{  
    color:rgb(175, 195, 1)  
}
```

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(175, 195, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 195, 1) }
```

Border

The CSS property to change the border of an element to YUV 166.9040, -81.7907, 7.1002 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(175, 195, 1) }
```


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

```
.border{ border-color:rgb(175, 195, 1) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 195, 1)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 195, 1); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 195, 1);  
box-shadow:4px 4px 4px 4px rgb(175, 195,  
1) }
```

Background

The CSS property to change the background color of an element to YUV 166.9040, -81.7907, 7.1002 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 195, 1) }
```

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

```
.background{ background-color: rgb(175,  
195, 1) }
```

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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