

Converting Colors

YUV(166.3790, 21.9982,
-9.1024)

Have a look what the booklet for
YUV(166.3790, 21.9982, -9.1024)
contains.

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Color

**YUV(166.3790, 21.9982,
-9.1024)**

Conversions

Conversions Part 1

Format	Color
Hex	9CA3D3
RGB	156, 163, 211
RGB Percent	61%, 64%, 83%
CMY	0.3882, 0.3608, 0.1725
CMYK	0.26, 0.23, 0.00, 0.17
HSL	232°, 38%, 72%
HSV	232°, 26%, 83%
XYZ	38.5654, 37.9655, 66.9235
YIQ	166.3790, -19.5800, 13.4440

Conversions

Conversions Part 2

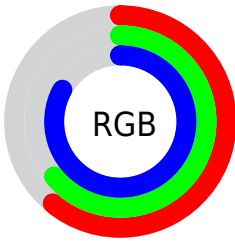
Format	Color
R _Y B	156, 162, 211
Decimal	10265555
CIE Lab	68.00, 8.11, -25.23
CIE LCh	68, 26.500, 287.825
Yxy	37.9655, 0.2688, 0.2647
Android (android.graphics.Color)	4288455635 (0xFF9CA3D3)
YUV	166.3790, 21.9982, -9.1024
Hunter-Lab	61.6161, 3.8945, -21.2657

Details

The YUV color **166.3790, 21.9982, -9.1024** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **200.6210, -21.9982, 9.1024**, and the grayscale version is **166.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **220.1250, 17.1934, -8.0026**, and **113.7380, 20.8352, -9.4172** is the 20% darker color. If you saturate the color by 10%, you get **149.5340, 30.3027, -12.7463**, and if you desaturate by 10%, it is **183.2240, 13.6936, -5.4584**.

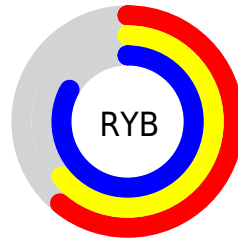
Distribution



Red (61%)

Green (64%)

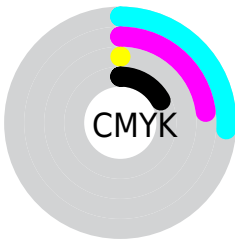
Blue (83%)



Red (61%)

Yellow (64%)

Blue (83%)

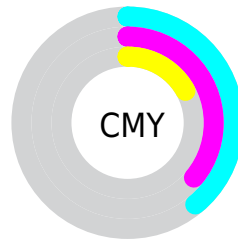


Cyan (26%)

Magenta (23%)

Yellow (0%)

Black (17%)



Cyan (39%)

Magenta (36%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the YUV color 166.3790, 21.9982, -9.1024 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 166.3790, 21.9982, -9.1024 by changing the saturation by 10% instead.

■ 166.3790, 21.9982,
-9.1024

■ 166.3790, 21.9982,
-9.1024

255.0000, 0.0000,
0.0000

■ 139.8520, 21.2720,
-9.5172

■ 220.1250, 17.1934,
-8.0026

■ 113.7380, 20.8352,
-9.4172

■ 245.2320, 4.8156,
-4.5885

■ 89.2110, 20.1090,
-9.8320

■ 65.6840, 19.3828,
-10.2469

■ 42.4450, 18.5146,
-11.7913

■ 20.0100, 18.2361,
-15.7948

■ 5.2780, 15.1459,

-4.6288

■ 1.2540, 4.8048,
-1.0998

■ 0.0000, 0.0000,
0.0000

■ 166.3790, 21.9982,
-9.1024

■ 166.3790, 21.9982,
-9.1024

■ 149.5340, 30.3027,
-12.7463

■ 183.2240, 13.6936,
-5.4584

■ 132.1020, 38.8967,
-15.8755

■ 200.6560, 5.0996,
-2.3293

■ 115.2570, 47.2013,
-19.5194

■ 217.5010, -3.2050,
1.3146

■ 97.8250, 55.7953,
-22.6485

■ 234.9330,
-11.7990, 4.4438

■ 80.9800, 64.0999,
-26.2925

■ 249.9840,
-19.2191, 4.3990

■ 63.8360, 72.5519,
-30.5512

■ 46.4040, 81.1458,
-33.6803

■ 39.9030, 84.3508,
-34.9949

Harmonies

Analogous

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



161.0230, 25.1317, -34.2232



166.3790, 21.9982, -9.1024



169.4700, 14.0653, 15.3738

Triad

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



166.3790, 21.9982, -9.1024



166.9370, -17.7169, 36.0123



156.2420, -0.6123, -37.0462

Complementary

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



166.3790, 21.9982, -9.1024



200.6210, -21.9982, 9.1024

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.



160.0460, -13.3337, -16.7033



166.3790, 21.9982, -9.1024



165.4810, -22.9151, 23.2572

Square

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



166.3790, 21.9982, -9.1024



168.7770, -8.2711, 39.6606



163.1150, -21.2557, 4.2841



153.8840, 12.3822, -51.6413

Rectangle

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



166.3790, 21.9982, -9.1024



170.0110, 6.8966, 28.0544



163.1150, -21.2557, 4.2841



158.0210, -5.4334, -30.7134

Sweetspot

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



166.3790, 21.9982, -9.1024



238.4540, 8.1572, -3.0292



193.7570, 5.0498, -33.1129



117.0690, 5.3890, -1.8145



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.



166.3790, 21.9982, -9.1024



190.8760, 31.6131, -13.0463



168.2500, 21.0758, 6.7968



95.8410, 4.5154, -1.6146



31.4790, 67.3049, -27.6071



7.6090, 16.4618, -6.6731

Inverse Universe

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



173.2430, -5.0498, 33.1129



200.7610, -7.2772, 47.5676



198.7500, -21.0757, -6.7968



97.4030, -1.1847, 6.6626



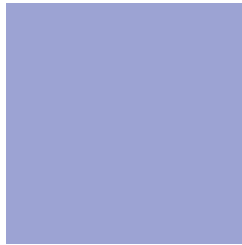
52.6260, -15.5916, 101.1830



12.8290, -3.8597, 24.7060

Previews

White Background



This preview shows how the YUV color 166.3790, 21.9982, -9.1024 looks on a white background.

Color Contrast Check

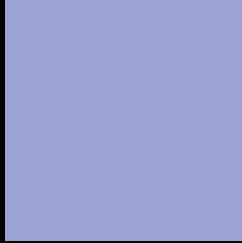
Large Text (above 18pt) WCAG AA × Fail

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 166.3790, 21.9982, -9.1024 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

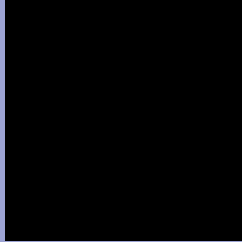
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 166.3790, 21.9982, -9.1024

Background



This preview shows how black text looks on a background with the YUV color 166.3790, 21.9982, -9.1024.



This preview shows how white text looks on a background with the YUV color 166.3790, 21.9982, -9.1024.

-9.1024.

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

166.3790, 21.9982, -9.1024

Protanopia

166.1830, 22.5878, -11.5615

Deuteranopia

166.3900, 21.9927, -7.3580



Tritanopia

164.2140, 8.7685, -12.4657

Trichromacy



Original Color

166.3790, 21.9982, -9.1024

Protanomaly

166.4820, 22.4404, -10.9467

Deuteranomaly

166.0910, 22.1401, -7.9728

Tritanomaly

164.8920, 13.8572, -11.3063

Monochromacy



Original Color

166.3790, 21.9982, -9.1024

Achromatopsia

166.0000, 0.0000, 0.0000

Achromatomaly

166.0410, 7.8678, -3.5440

CSS Examples

Text

The CSS property to change the color of the text to YUV 166.3790, 21.9982, -9.1024 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(156, 163, 211)` looks like.

```
.text, #text, p{  
    color:rgb(156, 163, 211)  
}
```

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(156, 163, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 163, 211) }
```

Border

The CSS property to change the border of an element to YUV 166.3790, 21.9982, -9.1024 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(156, 163, 211) }
```


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

```
.border{ border-color:rgb(156, 163, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 163, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 163, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 163, 211);  
box-shadow:4px 4px 4px 4px rgb(156, 163,  
211) }
```

Background

The CSS property to change the background color of an element to YUV 166.3790, 21.9982, -9.1024 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 163, 211) }
```

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

```
.background{ background-color: rgb(156,  
163, 211) }
```

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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