

Converting Colors

YUV(169.9660, 21.7088,
-9.6172)

Have a look what the booklet for
YUV(169.9660, 21.7088, -9.6172)
contains.

YUV(169.9660, 21.7088, -9.6172)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(169.9660, 21.7088,
-9.6172)**

Conversions

Conversions Part 1

Format	Color
Hex	9FA7D6
RGB	159, 167, 214
RGB Percent	62%, 65%, 84%
CMY	0.3765, 0.3451, 0.1608
CMYK	0.26, 0.22, 0.00, 0.16
HSL	231°, 40%, 73%
HSV	231°, 26%, 84%
XYZ	40.2544, 39.8634, 69.1911
YIQ	169.9660, -19.8550, 12.9210

Conversions

Conversions Part 2

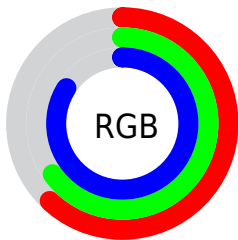
Format	Color
R_{YB}	159, 166, 214
Decimal	10463190
CIE Lab	69.37, 7.50, -24.75
CIE LCh	69, 25.866, 286.864
Yxy	39.8634, 0.2696, 0.2670
Android (android.graphics.Color)	4288653270 (0xFF9FA7D6)
YUV	169.9660, 21.7088, -9.6172
Hunter-Lab	63.1375, 3.3152, -20.7785

Details

The YUV color **169.9660, 21.7088, -9.6172** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **203.0340, -21.7088, 9.6172**, and the grayscale version is **170.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **223.3700, 15.5936, -8.2175**, and **117.3250, 20.5458, -9.9320** is the 20% darker color. If you saturate the color by 10%, you get **153.1210, 30.0133, -13.2611**, and if you desaturate by 10%, it is **186.8110, 13.4042, -5.9732**.

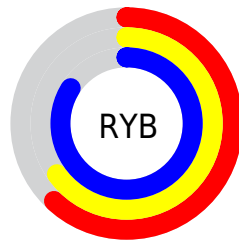
Distribution



Red (62%)

Green (65%)

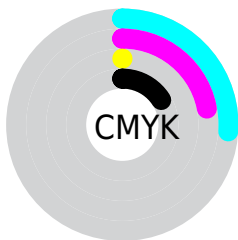
Blue (84%)



Red (62%)

Yellow (65%)

Blue (84%)

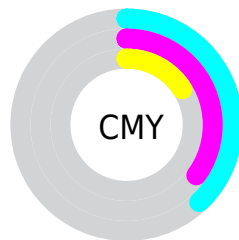


Cyan (26%)

Magenta (22%)

Yellow (0%)

Black (16%)



Cyan (38%)

Magenta (35%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YUV color 169.9660, 21.7088, -9.6172 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 169.9660, 21.7088, -9.6172 by changing the saturation by 10% instead.

■ 169.9660, 21.7088,
-9.6172

■ 169.9660, 21.7088,
-9.6172

■ 255.0000, 0.0000,
0.0000

■ 143.4390, 20.9826,
-10.0320

■ 223.3700, 15.5936,
-8.2175

■ 117.3250, 20.5458,
-9.9320

■ 249.0640, 2.9264,
-5.3181

■ 92.7980, 19.8196,
-10.3468

■ 68.5700, 18.9460,
-10.1469

■ 45.4450, 18.5146,
-11.7913

■ 23.0100, 18.2361,
-15.7948

■ 4.3320, 16.5983,

-3.7992

■ 2.2970, 6.2626,
-2.0145

■ 0.0000, 0.0000,
0.0000

■ 169.9660, 21.7088,
-9.6172

■ 169.9660, 21.7088,
-9.6172

■ 153.1210, 30.0133,
-13.2611

■ 186.8110, 13.4042,
-5.9732

■ 135.3900, 38.7547,
-17.0050

■ 204.5420, 4.6628,
-2.2293

■ 118.5450, 47.0593,
-20.6490

■ 221.3870, -3.6418,
1.4146

■ 101.4010, 55.5113,
-24.9077

■ 238.5310,
-12.0938, 5.6733

■ 84.5560, 63.8159,
-28.5516

■ 250.3260,
-17.9087, 4.0991

■ 67.1240, 72.4099,
-31.6807

■ 49.9800, 80.8619,
-35.9395

■ 42.5930, 84.5037,
-37.3541

Harmonies

Analogous

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



164.7950, 24.2581, -34.0232



169.9660, 21.7088, -9.6172



172.8720, 14.3601, 14.1443

Triad

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



169.9660, 21.7088, -9.6172



171.0510, -17.2801, 35.9123



160.7260, -1.3439, -35.7167

Complementary

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



169.9660, 21.7088, -9.6172



203.0340, -21.7088, 9.6172

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.



163.7580, -13.1917, -15.5738



169.9660, 21.7088, -9.6172



169.0080, -22.1889, 23.6720

Square

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



169.9660, 21.7088, -9.6172



172.5920, -7.6869, 38.9458



166.8270, -21.1137, 5.4137



158.6670, 11.5032, -49.6970

Rectangle

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



169.9660, 21.7088, -9.6172



173.4130, 7.1914, 26.8248



166.8270, -21.1137, 5.4137



161.6190, -5.7282, -29.4839

Sweetspot

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



169.9660, 21.7088, -9.6172



239.0410, 7.8678, -3.5440



196.6430, 4.6130, -33.0129



117.6560, 5.0996, -2.3293



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.



169.9660, 21.7088, -9.6172



191.4630, 31.3237, -13.5611



170.9510, 21.2232, 6.1820



98.4280, 4.2260, -2.1294



34.1690, 67.4577, -29.9662



8.4240, 17.0460, -7.3878

Inverse Universe

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



176.3570, -4.6130, 33.0129



200.8750, -6.8404, 47.4676



202.0490, -21.2232, -6.1820



99.5170, -0.7479, 6.5626



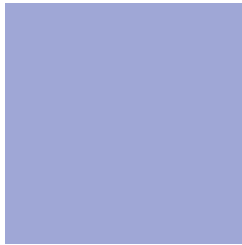
53.9790, -14.2866, 102.6274



13.5410, -3.7177, 25.8355

Previews

White Background



This preview shows how the YUV color 169.9660, 21.7088, -9.6172 looks on a white background.

Color Contrast Check

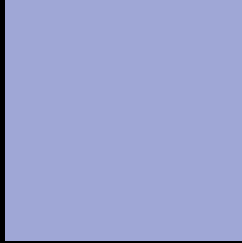
Large Text (above 18pt) WCAG AA × Fail

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 169.9660, 21.7088, -9.6172 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

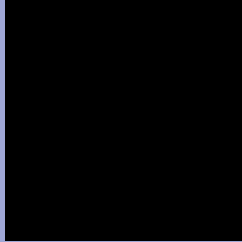
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 169.9660, 21.7088, -9.6172

Background



This preview shows how black text looks on a background with the YUV color 169.9660, 21.7088, -9.6172.



This preview shows how white text looks on a background with the YUV color 169.9660, 21.7088, -9.6172.

-9.6172.

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

169.9660, 21.7088, -9.6172

Protanopia

169.3680, 22.0036, -10.8467

Deuteranopia

170.2760, 21.5559, -7.2581



Tritanopia

167.9150, 8.9159, -13.0805

Trichromacy



Original Color

169.9660, 21.7088, -9.6172

Protanomaly

169.6670, 21.8562, -10.2320

Deuteranomaly

169.9770, 21.7033, -7.8728

Tritanomaly

168.4790, 13.5679, -11.8211

Monochromacy



Original Color

169.9660, 21.7088, -9.6172

Achromatopsia

170.0000, 0.0000, 0.0000

Achromatomaly

170.0410, 7.8678, -3.5440

CSS Examples

Text

The CSS property to change the color of the text to YUV 169.9660, 21.7088, -9.6172 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(159, 167, 214)` looks like.

```
.text, #text, p{  
    color:rgb(159, 167, 214)  
}
```

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(159, 167, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 167, 214) }
```

Border

The CSS property to change the border of an element to YUV 169.9660, 21.7088, -9.6172 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(159, 167, 214) }
```


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

```
.border{ border-color:rgb(159, 167, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 167, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 167, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 167, 214);  
box-shadow:4px 4px 4px 4px rgb(159, 167,  
214) }
```

Background

The CSS property to change the background color of an element to YUV 169.9660, 21.7088, -9.6172 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 167, 214) }
```

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

```
.background{ background-color: rgb(159,  
167, 214) }
```

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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