

Converting Colors

YUV(169.7820, 20.8135,
-2.4398)

Have a look what the booklet for
YUV(169.7820, 20.8135, -2.4398)
contains.

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Color

**YUV(169.7820, 20.8135,
-2.4398)**

Conversions

Conversions Part 1

Format	Color
Hex	A7A3D4
RGB	167, 163, 212
RGB Percent	65%, 64%, 83%
CMY	0.3451, 0.3608, 0.1686
CMYK	0.21, 0.23, 0.00, 0.17
HSL	245°, 36%, 74%
HSV	245°, 23%, 83%
XYZ	40.9172, 39.1633, 67.6901
YIQ	169.7820, -13.3450, 16.0870

Conversions

Conversions Part 2

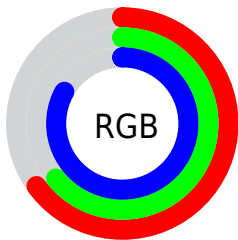
Format	Color
R _Y B	167, 163, 212
Decimal	10986452
CIE _{Lab}	68.87, 11.72, -24.37
CIE _{LCh}	69, 27.040, 295.687
Y _{xy}	39.1633, 0.2769, 0.2650
Android (android.graphics.Color)	4289176532 (0xFFA7A3D4)
YUV	169.7820, 20.8135, -2.4398
Hunter-Lab	62.5806, 7.1929, -20.3243

Details

The YUV color **169.7820, 20.8135, -2.4398** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **205.2180, -20.8135, 2.4398**, and the grayscale version is **170.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **223.7130, 15.4245, -0.6253**, and **117.1410, 19.6505, -2.7547** is the 20% darker color. If you saturate the color by 10%, you get **151.7740, 29.6914, -3.3098**, and if you desaturate by 10%, it is **187.7900, 11.9355, -1.5698**.

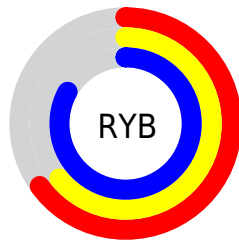
Distribution



Red (65%)

Green (64%)

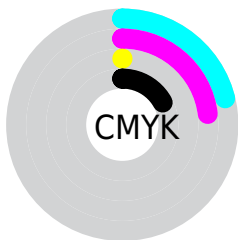
Blue (83%)



Red (65%)

Yellow (64%)

Blue (83%)

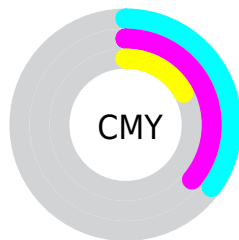


Cyan (21%)

Magenta (23%)

Yellow (0%)

Black (17%)



Cyan (35%)

Magenta (36%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the YUV color 169.7820, 20.8135, -2.4398 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 169.7820, 20.8135, -2.4398 by changing the saturation by 10% instead.

■ 169.7820, 20.8135,
-2.4398

■ 169.7820, 20.8135,
-2.4398

■ 255.0000, 0.0000,
0.0000

■ 143.2550, 20.0873,
-2.8546

■ 223.7130, 15.4245,
-0.6253

■ 117.1410, 19.6505,
-2.7547

■ 248.5210, 3.1941,
2.1741

■ 92.6140, 18.9243,
-3.1695

■ 69.0870, 18.1981,
-3.5843

■ 46.1470, 17.1825,
-4.5139

■ 24.6090, 16.4618,
-6.6731

■ 4.2180, 16.1615,

-3.6992

■ 1.3680, 5.2416,
-1.1997

■ 0.0000, 0.0000,
0.0000

■ 169.7820, 20.8135,
-2.4398

■ 169.7820, 20.8135,
-2.4398

■ 151.7740, 29.6914,
-3.3098

■ 187.7900, 11.9355,
-1.5698

■ 133.4670, 38.7168,
-4.7946

■ 206.0970, 2.9102,
-0.0851

■ 114.8720, 47.8841,
-5.1497

■ 224.6920, -6.2572,
0.2701

■ 96.5650, 56.9095,
-6.6345

■ 242.9990,
-15.2825, 1.7549

■ 78.5570, 65.7874,
-7.5045

■ 250.0980,
-18.7823, 4.2991

■ 60.2500, 74.8127,
-8.9892

■ 42.2420, 83.6907,
-9.8592

■ 29.2510, 90.0953,
-10.7441

Harmonies

Analogous

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



164.4690, 25.4048, -28.4753



169.7820, 20.8135, -2.4398



171.9330, 11.8650, 21.1068

Triad

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



169.7820, 20.8135, -2.4398



169.0570, -19.7481, 34.1530



158.1210, 2.8983, -43.0791

Complementary

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



169.7820, 20.8135, -2.4398



205.2180, -20.8135, 2.4398

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.



161.3980, -10.5492, -23.1510



169.7820, 20.8135, -2.4398



166.9320, -23.6305, 19.3536

Square

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



169.7820, 20.8135, -2.4398



170.3920, -11.0393, 40.8752



164.7230, -20.0764, -0.6341



155.7850, 15.8820, -54.1854

Rectangle

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



169.7820, 20.8135, -2.4398



171.7620, 4.5543, 32.6577



164.7230, -20.0764, -0.6341



158.9000, -1.9227, -36.7463

Sweetspot

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



169.7820, 20.8135, -2.4398



239.6500, 7.5676, -0.5700



195.5880, 8.0911, -28.5797



118.5530, 4.6574, -0.4850



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.



169.7820, 20.8135, -2.4398



193.5890, 30.2756, -4.0246



176.9580, 17.2757, 12.3148



97.5530, 4.6574, -0.4850



23.6800, 72.6288, -8.4894



6.0980, 18.1927, -1.8399

Inverse Universe

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



182.7810, 12.4330, 25.6251



212.6390, 17.9260, 37.1506



198.0420, -17.2757, -12.3148



100.4290, 2.7465, 5.7628



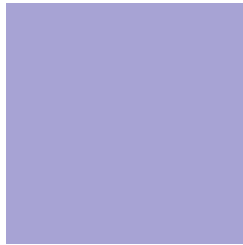
69.0270, 43.3707, 89.4303



17.4170, 11.1334, 22.4363

Previews

White Background



This preview shows how the YUV color 169.7820, 20.8135, -2.4398 looks on a white background.

Color Contrast Check

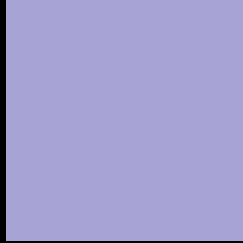
Large Text (above 18pt) WCAG AA × Fail

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 169.7820, 20.8135, -2.4398 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

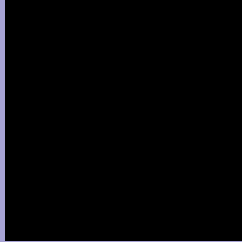
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 169.7820, 20.8135, -2.4398

Background



This preview shows how black text looks on a background with the YUV color 169.7820, 20.8135, -2.4398.



This preview shows how white text looks on a background with the YUV color 169.7820, 20.8135, -2.4398.

-2.4398.

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

169.7820, 20.8135, -2.4398

Protanopia

168.4820, 22.4404, -10.9467

Deuteranopia

169.4610, 20.9717, -6.5433



Tritanopia

167.5030, 7.1470, -5.7031

Trichromacy



Original Color

169.7820, 20.8135, -2.4398

Protanomaly

168.9770, 21.7033, -7.8728

Deuteranomaly

169.4720, 20.9663, -4.7989

Tritanomaly

168.1810, 12.2358, -4.5437

Monochromacy



Original Color

169.7820, 20.8135, -2.4398

Achromatopsia

170.0000, 0.0000, 0.0000

Achromatomaly

169.6500, 7.5675, -0.5701

CSS Examples

Text

The CSS property to change the color of the text to YUV 169.7820, 20.8135, -2.4398 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(167, 163, 212)` looks like.

```
.text, #text, p{  
    color:rgb(167, 163, 212)  
}
```

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(167, 163, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 163, 212) }
```

Border

The CSS property to change the border of an element to YUV 169.7820, 20.8135, -2.4398 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(167, 163, 212) }
```


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

```
.border{ border-color:rgb(167, 163, 212) }
```

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

Here you see how a box with a 4 pixel rgb(167, 163, 212) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 163, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 163, 212);  
box-shadow:4px 4px 4px 4px rgb(167, 163,  
212) }
```

Background

The CSS property to change the background color of an element to YUV 169.7820, 20.8135, -2.4398 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 163, 212) }
```

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

```
.background{ background-color: rgb(167,  
163, 212) }
```

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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