

Converting Colors

YUV(169.7620, 14.4143,
-3.2993)

Have a look what the booklet for
YUV(169.7620, 14.4143, -3.2993)
contains.

YUV(169.7620, 14.4143, -3.2993)	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(169.7620, 14.4143,
-3.2993)**

Conversions

Conversions Part 1

Format	Color
Hex	A6A6C7
RGB	166, 166, 199
RGB Percent	65%, 65%, 78%
CMY	0.3490, 0.3490, 0.2196
CMYK	0.17, 0.17, 0.00, 0.22
HSL	240°, 23%, 72%
HSV	240°, 17%, 78%
XYZ	39.6709, 39.5029, 59.5668
YIQ	169.7620, -10.5930, 10.2630

Conversions

Conversions Part 2

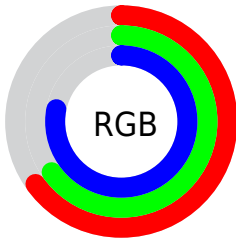
Format	Color
R_{YB}	166, 166, 199
Decimal	10921671
CIE Lab	69.11, 6.79, -16.82
CIE LCh	69, 18.144, 291.987
Yxy	39.5029, 0.2859, 0.2847
Android (android.graphics.Color)	4289111751 (0xFFA6A6C7)
YUV	169.7620, 14.4143, -3.2993
Hunter-Lab	62.8514, 2.6768, -12.1956

Details

The YUV color **169.7620, 14.4143, -3.2993** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **195.2380, -14.4143, 3.2993**, and the grayscale version is **170.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **224.8760, 14.8511, -3.3993**, and **117.5340, 13.5407, -3.0993** is the 20% darker color. If you saturate the color by 10%, you get **152.0420, 23.1503, -5.2988**, and if you desaturate by 10%, it is **187.4820, 5.6784, -1.2997**.

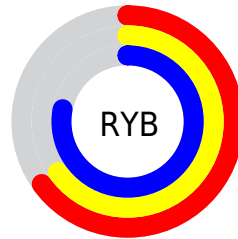
Distribution



Red (65%)

Green (65%)

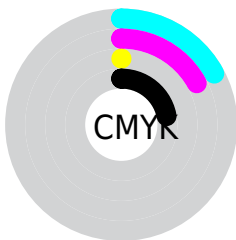
Blue (78%)



Red (65%)

Yellow (65%)

Blue (78%)

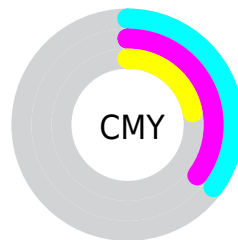


Cyan (17%)

Magenta (17%)

Yellow (0%)

Black (22%)



Cyan (35%)

Magenta (35%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 169.7620, 14.4143, -3.2993 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 169.7620, 14.4143, -3.2993 by changing the saturation by 10% instead.

■ 169.7620, 14.4143,
-3.2993

■ 169.7620, 14.4143,
-3.2993

255.0000, 0.0000,
0.0000

■ 143.3490, 14.1249,
-3.8141

■ 224.8760, 14.8511,
-3.3993

■ 117.5340, 13.5407,
-3.0993

■ 250.5700, 2.1840,
-0.4999

■ 93.0070, 12.8145,
-3.5141

■ 69.0070, 12.8145,
-3.5141

■ 46.4800, 12.0884,
-3.9290

■ 25.5400, 11.0728,
-4.8586

■ 3.1920, 12.2303,

-2.7994

■ 0.0000, 0.0000,
0.0000

■ 169.7620, 14.4143,
-3.2993

■ 169.7620, 14.4143,
-3.2993

■ 152.0420, 23.1503,
-5.2988

■ 187.4820, 5.6784,
-1.2997

■ 134.3220, 31.8863,
-7.2984

■ 205.2020, -3.0576,
0.6998

■ 116.6020, 40.6222,
-9.2980

■ 222.9220,
-11.7935, 2.6994

■ 98.8820, 49.3582,
-11.2975

■ 240.6420,
-20.5295, 4.6990

■ 82.0480, 57.6573,
-13.1971

■ 248.6160,
-24.4607, 5.5988

■ 64.3280, 66.3933,
-15.1967

■ 46.6080, 75.1293,
-17.1962

■ 28.8880, 83.8652,
-19.1958

■ 22.6860, 86.9228,
-19.8956

Harmonies

Analogous

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



167.2330, 16.6471, -19.4983



169.7620, 14.4143, -3.2993



171.6670, 8.5452, 12.5700

Triad

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



169.7620, 14.4143, -3.2993



170.0110, -13.3164, 24.5464



162.9490, 0.5181, -26.2653

Complementary

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



169.7620, 14.4143, -3.2993



195.2380, -14.4143, 3.2993

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.



165.0340, -8.3978, -13.1848



169.7620, 14.4143, -3.2993



168.5600, -16.0521, 15.2949

Square

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



169.7620, 14.4143, -3.2993



171.3410, -7.0701, 27.7649



166.6400, -14.1195, 2.0697



162.3810, 8.6862, -32.7831

Rectangle

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



169.7620, 14.4143, -3.2993



171.7560, 3.5713, 21.2620



166.6400, -14.1195, 2.0697



163.1730, -2.5503, -22.0767

Sweetspot

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



169.7620, 14.4143, -3.2993



243.4820, 5.6784, -1.2997



189.1330, 4.8644, -20.2876



120.9120, 3.4944, -0.7998



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.



169.7620, 14.4143, -3.2993



209.8140, 22.2767, -5.0989



174.8450, 11.9084, 7.1519



91.0260, 3.9312, -0.8998



18.5820, 71.1981, -16.2964



4.1040, 15.7247, -3.5992

Inverse Universe

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



179.6290, 9.5499, 16.9884



225.0630, 14.7589, 26.2547



190.4540, -12.0558, -6.5372



93.7170, 2.6045, 4.6332



67.3190, 47.1707, 83.9122



14.8680, 10.4181, 18.5328

Previews

White Background



This preview shows how the YUV color 169.7620, 14.4143, -3.2993 looks on a white background.

Color Contrast Check

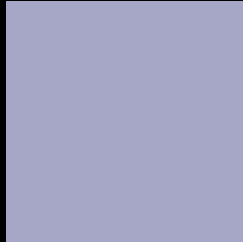
Large Text (above 18pt) WCAG AA × Fail

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 169.7620, 14.4143, -3.2993 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

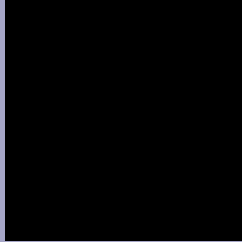
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 169.7620, 14.4143, -3.2993

Background



This preview shows how black text looks on a background with the YUV color 169.7620, 14.4143, -3.2993.



This preview shows how white text looks on a background with the YUV color 169.7620, 14.4143, -3.2993.

-3.2993.

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

169.7620, 14.4143, -3.2993

Protanopia

169.2670, 15.1514, -6.3732

Deuteranopia

170.3710, 14.1141, -0.3254



Tritanopia

168.6880, 6.5628, -4.9884

Trichromacy



Original Color

169.7620, 14.4143, -3.2993

Protanomaly

169.5660, 15.0040, -5.7584

Deuteranomaly

170.0720, 14.2615, -0.9401

Tritanomaly

169.0840, 9.3256, -4.4587

Monochromacy



Original Color

169.7620, 14.4143, -3.2993

Achromatopsia

170.0000, 0.0000, 0.0000

Achromatomaly

170.3680, 5.2416, -1.1997

CSS Examples

Text

The CSS property to change the color of the text to YUV 169.7620, 14.4143, -3.2993 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(166, 166, 199)` looks like.

```
.text, #text, p{  
    color:rgb(166, 166, 199)  
}
```

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(166, 166, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 166, 199) }
```

Border

The CSS property to change the border of an element to YUV 169.7620, 14.4143, -3.2993 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(166, 166, 199) }
```


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

```
.border{ border-color:rgb(166, 166, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 166, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 166, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 166, 199);  
box-shadow:4px 4px 4px 4px rgb(166, 166,  
199) }
```

Background

The CSS property to change the background color of an element to YUV 169.7620, 14.4143, -3.2993 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 166, 199) }
```

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

```
.background{ background-color: rgb(166,  
166, 199) }
```

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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