

Converting Colors

YUV(168.2170, 0.8790, -1.9443)

Have a look what the booklet for
YUV(168.2170, 0.8790, -1.9443)
contains.

YUV(168.2170, 0.8790, -1.9443)	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(168.2170, 0.8790,
-1.9443)**

Conversions

Conversions Part 1

Format	Color
Hex	A6A9AA
RGB	166, 169, 170
RGB Percent	65%, 66%, 67%
CMY	0.3490, 0.3373, 0.3333
CMYK	0.02, 0.01, 0.00, 0.33
HSL	195°, 2%, 66%
HSV	195°, 2%, 67%
XYZ	37.1696, 39.3852, 43.6733
YIQ	168.2170, -2.1090, -0.3250

Conversions

Conversions Part 2

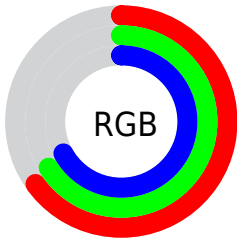
Format	Color
RYB	166, 168, 170
Decimal	10922410
CIELab	69.03, -0.87, -0.89
CIELCh	69, 1.245, 225.898
Yxy	39.3852, 0.3092, 0.3276
Android (android.graphics.Color)	4289112490 (0xFFA6A9AA)
YUV	168.2170, 0.8790, -1.9443
Hunter-Lab	62.7576, -4.1054, 2.6702

Details

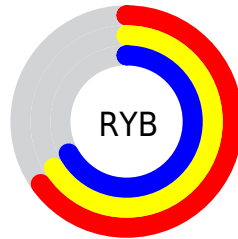
The YUV color **168.2170, 0.8790, -1.9443** is a light color, and the websafe version is hex **999999**. A complement of this color would be **167.7830, -0.8790, 1.9443**, and the grayscale version is **168.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **223.2170, 0.8790, -1.9443**, and **116.2170, 0.8790, -1.9443** is the 20% darker color. If you saturate the color by 10%, you get **160.7860, 4.5425, -10.3363**, and if you desaturate by 10%, it is **175.6480, -2.7845, 6.4477**.

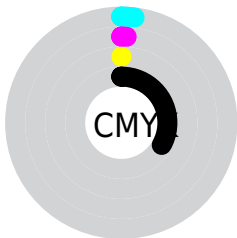
Distribution



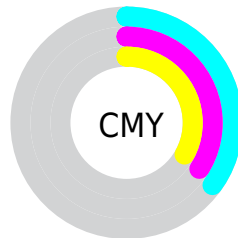
- Red (65%)
- Green (66%)
- Blue (67%)



- Red (65%)
- Yellow (66%)
- Blue (67%)



- Cyan (2%)
- Magenta (1%)
- Yellow (0%)
- Black (33%)



- Cyan (35%)
- Magenta (34%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the YUV color 168.2170, 0.8790, -1.9443 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 168.2170, 0.8790, -1.9443 by changing the saturation by 10% instead.


 168.2170, 0.8790,
-1.9443


 168.2170, 0.8790,
-1.9443


255.0000, 0.0000,
0.0000


 142.2170, 0.8790,
-1.9443


 223.2170, 0.8790,
-1.9443


 116.2170, 0.8790,
-1.9443

 252.2170, 0.8790,
-1.9443

 91.5160, 0.7316,
-1.3295

 68.2170, 0.8790,
-1.9443

 46.1030, 0.4422,
-1.8443

 25.5160, 0.7316,
-1.3295

 0.0000, 0.0000,

0.0000

■ 168.2170, 0.8790,
-1.9443

■ 168.2170, 0.8790,
-1.9443

■ 160.7860, 4.5425,
-10.3363

■ 175.6480, -2.7845,
6.4477

■ 152.7680, 8.4954,
-18.2135

■ 183.0790, -6.4479,
14.8397

■ 145.3370, 12.1589,
-26.6055

■ 191.0970,
-10.4008, 22.7169

■ 137.9060, 15.8223,
-34.9976

■ 198.5280,
-14.0643, 31.1089

■ 130.4750, 19.4858,
-43.3896

■ 205.9590,
-17.7278, 39.5010

■ 122.4570, 23.4387,
-51.2668

■ 209.5030,
-19.4750, 39.9009

■ 115.0260, 27.1022,
-59.6588

■ 212.4380,
-20.9219, 37.3269

■ 107.5950, 30.7657,
-68.0508

■ 214.7860,
-22.0795, 35.2677

■ 100.1640, 34.4291,
-76.4428

■ 217.1340,
-23.2371, 33.2085

Harmonies

Analogous

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



168.1030, 0.4422, -1.8443



168.2170, 0.8790, -1.9443



168.6300, 1.1684, -1.4295

Triad

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



168.2170, 0.8790, -1.9443



168.7120, 0.1420, 1.1296



168.6580, -1.3104, 0.2999

Complementary

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



168.2170, 0.8790, -1.9443



167.7830, -0.8790, 1.9443

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.



168.3700, -1.1684, 1.4295



168.2170, 0.8790, -1.9443



168.8970, -0.4422, 1.8443

Square

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



168.2170, 0.8790, -1.9443



168.5270, 0.7262, 0.4148



168.7830, -0.8790, 1.9443



168.1740, -0.5788, -1.0296

Rectangle

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



168.2170, 0.8790, -1.9443



168.3420, 1.3104, -0.2999



168.7830, -0.8790, 1.9443



168.0710, -1.0210, 0.8147

Sweetspot

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



168.2170, 0.8790, -1.9443



220.8150, 0.5842, -0.7148



168.4620, -0.7208, -2.1592



111.7010, 0.1474, -0.6148



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



168.2170, 0.8790, -1.9443



218.7330, 1.6106, -3.2738



167.0430, 1.4578, -0.9147



82.5160, 0.7316, -1.3295



82.0290, 32.5237, -71.9394



11.0850, 4.3951, -9.7215

Inverse Universe

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



167.5380, 0.7208, 2.1592



217.6630, 1.1521, 3.8035



168.9570, -1.4578, 0.9147



82.1250, 0.4314, 1.6444



56.9060, 26.6683, 79.8894



7.6900, 3.6038, 10.7959

Previews

White Background



This preview shows how the YUV color 168.2170, 0.8790, -1.9443 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 168.2170, 0.8790, -1.9443 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

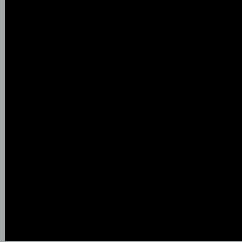
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

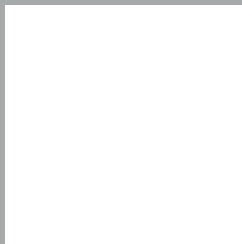
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 168.2170, 0.8790, -1.9443

Background



This preview shows how black text looks on a background with the YUV color 168.2170, 0.8790, -1.9443.



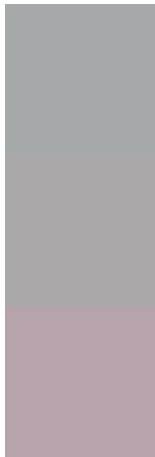
This preview shows how white text looks on a background with the YUV color 168.2170, 0.8790,

-1.9443.

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

168.2170, 0.8790, -1.9443

Protanopia

169.0110, -0.0054, 1.7444

Deuteranopia

169.8920, 0.5462, 11.4957



Tritanopia

168.8950, 5.9678, -0.7849

Trichromacy



Original Color

168.2170, 0.8790, -1.9443

Protanomaly

168.4130, 0.2894, 0.5148

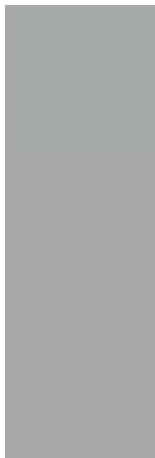
Deuteranomaly

169.2720, 0.8519, 6.7775

Tritanomaly

168.7270, 4.0786, -1.5146

Monochromacy



Original Color

168.2170, 0.8790, -1.9443

Achromatopsia

168.0000, 0.0000, 0.0000

Achromatomaly

167.8150, 0.5842, -0.7148

CSS Examples

Text

The CSS property to change the color of the text to YUV 168.2170, 0.8790, -1.9443 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, 169, 170)` looks like.

```
.text, #text, p{  
    color:rgb(166, 169, 170)  
}
```

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, 169, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 169, 170) }
```

Border

The CSS property to change the border of an element to YUV 168.2170, 0.8790, -1.9443 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, 169, 170) }
```


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

```
.border{ border-color:rgb(166, 169, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 169, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 169, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 169, 170);  
box-shadow:4px 4px 4px 4px rgb(166, 169,  
170) }
```

Background

The CSS property to change the background color of an element to YUV 168.2170, 0.8790, -1.9443 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 169, 170) }
```

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

```
.background{ background-color: rgb(166,  
169, 170) }
```

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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