

Converting Colors

YUV(170.0750, 19.6830,
-13.2208)

Have a look what the booklet for
YUV(170.0750, 19.6830, -13.2208)
contains.

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Color

**YUV(170.0750, 19.6830,
-13.2208)**

Conversions

Conversions Part 1

Format	Color
Hex	9BAAD2
RGB	155, 170, 210
RGB Percent	61%, 67%, 82%
CMY	0.3922, 0.3333, 0.1765
CMYK	0.26, 0.19, 0.00, 0.18
HSL	224°, 38%, 72%
HSV	224°, 26%, 82%
XYZ	39.5252, 40.3712, 66.6820
YIQ	170.0750, -21.7800, 9.2600

Conversions

Conversions Part 2

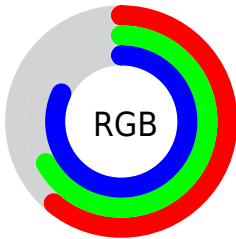
Format	Color
R _{YB}	155, 167, 210
Decimal	10201810
CIE Lab	69.73, 3.67, -22.03
CIE LCh	70, 22.330, 279.451
Yxy	40.3712, 0.2697, 0.2754
Android (android.graphics.Color)	4288391890 (0xFF9BAAD2)
YUV	170.0750, 19.6830, -13.2208
Hunter-Lab	63.5383, -0.1529, -17.7467

Details

The YUV color $170.0750, 19.6830, -13.2208$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $194.9250, -19.6830, 13.2208$, and the grayscale version is $170.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $223.9350, 15.3150, -12.2210$, and $117.7330, 18.3726, -12.9208$ is the 20% darker color. If you saturate the color by 10%, you get $154.9910, 27.1194, -18.4091$, and if you desaturate by 10%, it is $185.1590, 12.2466, -8.0324$.

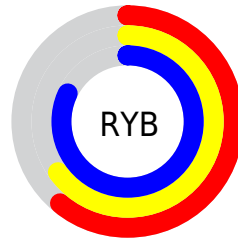
Distribution



Red (61%)

Green (67%)

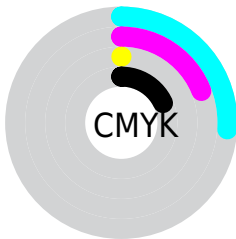
Blue (82%)



Red (61%)

Yellow (65%)

Blue (82%)

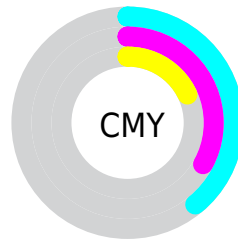


Cyan (26%)

Magenta (19%)

Yellow (0%)

Black (18%)



Cyan (39%)

Magenta (33%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YUV color 170.0750, 19.6830, -13.2208 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 170.0750, 19.6830, -13.2208 by changing the saturation by 10% instead.

■ 170.0750, 19.6830,
-13.2208

■ 170.0750, 19.6830,
-13.2208

255.0000, 0.0000,
0.0000

■ 143.5480, 18.9568,
-13.6356

■ 223.9350, 15.3150,
-12.2210

■ 117.7330, 18.3726,
-12.9208

■ 249.6290, 2.6479,
-9.3216

■ 92.3200, 18.0832,
-13.4356

■ 68.7930, 17.3571,
-13.8505

■ 45.9670, 16.7783,
-14.8801

■ 22.6460, 16.9365,
-18.9835

■ 3.9900, 15.2879,

-3.4992

■ 1.2540, 4.8048,
-1.0998

■ 0.0000, 0.0000,
0.0000

■ 170.0750, 19.6830,
-13.2208

■ 170.0750, 19.6830,
-13.2208

■ 154.9910, 27.1194,
-18.4091

■ 185.1590, 12.2466,
-8.0324

■ 139.3200, 34.8452,
-23.0826

■ 200.8300, 4.5208,
-3.3589

■ 124.2360, 42.2817,
-28.2710

■ 215.9140, -2.9156,
1.8294

■ 109.1520, 49.7181,
-33.4593

■ 230.9980,
-10.3520, 7.0178

■ 94.0680, 57.1545,
-38.6476

■ 244.5870,
-17.0514, 9.1322

■ 78.3970, 64.8803,
-43.3212

■ 249.8700,
-19.6559, 4.4990

■ 63.3130, 72.3167,
-48.5095

■ 57.3990, 75.2323,
-50.3389

Harmonies

Analogous

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



165.5950, 20.9057, -32.0938



170.0750, 19.6830, -13.2208



173.1270, 14.2344, 7.7816

Triad

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



170.0750, 19.6830, -13.2208



172.7670, -13.1961, 32.6533



164.0970, -3.9918, -26.3951

Complementary

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



170.0750, 19.6830, -13.2208



194.9250, -19.6830, 13.2208

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.



166.3890, -13.5028, -9.1112



170.0750, 19.6830, -13.2208



170.6320, -18.5526, 24.0017

Square

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



170.0750, 19.6830, -13.2208



173.7700, -4.3236, 33.5277



168.7180, -19.0880, 9.0173



161.8810, 6.9607, -39.3606

Rectangle

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



170.0750, 19.6830, -13.2208



173.7110, 8.5235, 19.5475



168.7180, -19.0880, 9.0173



164.8050, -7.7919, -20.8770

Sweetspot

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



170.0750, 19.6830, -13.2208



240.2150, 7.2890, -4.5736



191.7310, 1.1186, -32.2131



118.2430, 4.8102, -2.8441



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.



170.0750, 19.6830, -13.2208



197.9200, 28.1404, -19.2238



164.8580, 22.2550, 1.8785



97.0150, 3.9366, -2.6442



46.1540, 60.0701, -40.4771



11.1310, 14.7254, -9.7619

Inverse Universe

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



173.1550, -1.5554, 32.3131



202.1290, -2.0356, 46.3679



200.1420, -22.2550, -1.8785



97.6310, -0.3111, 6.4626



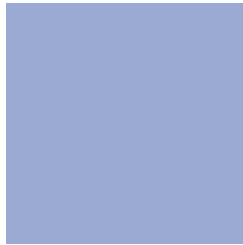
55.4760, -4.6717, 98.6835



13.5130, -1.2389, 24.1061

Previews

White Background



This preview shows how the YUV color 170.0750, 19.6830, -13.2208 looks on a white background.

Color Contrast Check

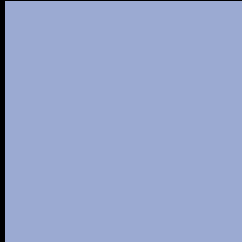
Large Text (above 18pt) WCAG AA × Fail

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 170.0750, 19.6830, -13.2208 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

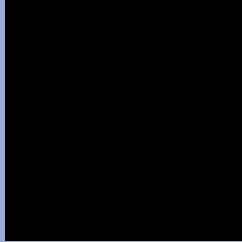
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 170.0750, 19.6830, -13.2208

Background



This preview shows how black text looks on a background with the YUV color 170.0750, 19.6830, -13.2208.



This preview shows how white text looks on a background with the YUV color 170.0750, 19.6830, -13.2208.

-13.2208.

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

170.0750, 19.6830, -13.2208

Protanopia

170.5810, 18.9406, -8.4025

Deuteranopia

171.7170, 19.3665, -5.0138



Tritanopia

168.4200, 9.6529, -16.1543

Trichromacy



Original Color

170.0750, 19.6830, -13.2208

Protanomaly

170.5700, 18.9460, -10.1469

Deuteranomaly

171.1080, 19.6668, -7.9877

Tritanomaly

169.3430, 13.1419, -15.2098

Monochromacy



Original Color

170.0750, 19.6830, -13.2208

Achromatopsia

170.0000, 0.0000, 0.0000

Achromatomaly

170.2150, 7.2890, -4.5736

CSS Examples

Text

The CSS property to change the color of the text to YUV 170.0750, 19.6830, -13.2208 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(155, 170, 210)` looks like.

```
.text, #text, p{  
    color:rgb(155, 170, 210)  
}
```

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(155, 170, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 170, 210) }
```

Border

The CSS property to change the border of an element to YUV 170.0750, 19.6830, -13.2208 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(155, 170, 210) }
```


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

```
.border{ border-color:rgb(155, 170, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 170, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 170, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 170, 210);  
box-shadow:4px 4px 4px 4px rgb(155, 170,  
210) }
```

Background

The CSS property to change the background color of an element to YUV 170.0750, 19.6830, -13.2208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 170, 210) }
```

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

```
.background{ background-color: rgb(155,  
170, 210) }
```

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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