

Converting Colors

YUV(170.2160, 19.1205,
-19.4834)

Have a look what the booklet for
YUV(170.2160, 19.1205, -19.4834)
contains.

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Color

**YUV(170.2160, 19.1205,
-19.4834)**

Conversions

Conversions Part 1

Format	Color
Hex	94AED1
RGB	148, 174, 209
RGB Percent	58%, 68%, 82%
CMY	0.4196, 0.3176, 0.1804
CMYK	0.29, 0.17, 0.00, 0.18
HSL	214°, 40%, 70%
HSV	214°, 29%, 82%
XYZ	38.8574, 41.1715, 66.2205
YIQ	170.2160, -26.7310, 5.3730

Conversions

Conversions Part 2

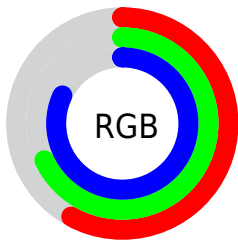
Format	Color
R _Y B	148, 166, 209
Decimal	9744081
CIE Lab	70.30, -0.87, -20.66
CIE LCh	70, 20.682, 267.581
Yxy	41.1715, 0.2657, 0.2815
Android (android.graphics.Color)	4287934161 (0xFF94AED1)
YUV	170.2160, 19.1205, -19.4834
Hunter-Lab	64.1650, -4.1916, -16.2738

Details

The YUV color $170.2160, 19.1205, -19.4834$ is a light color, and the websafe version is hex $6699CC$. A complement of this color would be $186.7840, -19.1205, 19.4834$, and the grayscale version is $170.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $224.1900, 15.1893, -18.5836$, and $117.8740, 17.8101, -19.1835$ is the 20% darker color. If you saturate the color by 10%, you get $156.8930, 25.6888, -26.2162$, and if you desaturate by 10%, it is $183.5390, 12.5523, -12.7507$.

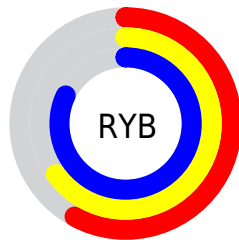
Distribution



Red (58%)

Green (68%)

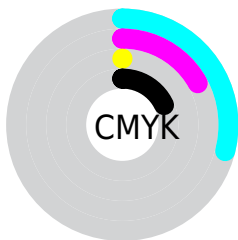
Blue (82%)



Red (58%)

Yellow (65%)

Blue (82%)

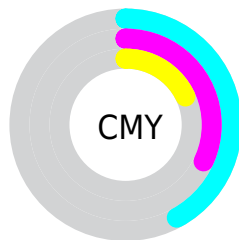


Cyan (29%)

Magenta (17%)

Yellow (0%)

Black (18%)



Cyan (42%)

Magenta (32%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YUV color 170.2160, 19.1205, -19.4834 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 170.2160, 19.1205, -19.4834 by changing the saturation by 10% instead.

■ 170.2160, 19.1205,
-19.4834

■ 170.2160, 19.1205,
-19.4834

255.0000, 0.0000,
0.0000

■ 143.1020, 18.6837,
-19.3835

■ 224.1900, 15.1893,
-18.5836

■ 117.8740, 17.8101,
-19.1835

■ 248.1230, 3.3904,
-14.1399

■ 92.4610, 17.5207,
-19.6983

■ 68.0480, 17.2313,
-20.2131

■ 44.6240, 16.9474,
-22.4722

■ 23.9940, 15.7790,
-21.0427

■ 6.3380, 14.1304,

-5.5584

■ 1.1400, 4.3680,
-0.9998

■ 0.0000, 0.0000,
0.0000

■ 170.2160, 19.1205,
-19.4834

■ 170.2160, 19.1205,
-19.4834

■ 156.8930, 25.6888,
-26.2162

■ 183.5390, 12.5523,
-12.7507

■ 143.5700, 32.2570,
-32.9489

■ 196.8620, 5.9840,
-6.0180

■ 130.2470, 38.8252,
-39.6816

■ 210.1850, -0.5842,
0.7148

■ 116.9240, 45.3935,
-46.4143

■ 223.5080, -7.1524,
7.4475

■ 103.9000, 51.8143,
-52.5323

■ 236.8310,
-13.7207, 14.1802

■ 90.5770, 58.3825,
-59.2650

■ 244.4730,
-17.4882, 9.2322

■ 77.2540, 64.9508,
-65.9978

■ 249.7560,
-20.0927, 4.5990

■ 76.0690, 65.5350,
-66.7125

Harmonies

Analogous

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



166.1880, 18.1483, -34.3679



170.2160, 19.1205, -19.4834



173.7130, 15.4245, -0.6253

Triad

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



170.2160, 19.1205, -19.4834



174.6790, -9.7017, 31.8535



166.5280, -7.6553, -18.0031

Complementary

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



170.2160, 19.1205, -19.4834



186.7840, -19.1205, 19.4834

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.



169.2760, -15.4191, -1.1191



170.2160, 19.1205, -19.4834



173.0390, -15.7952, 26.2758

Square

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



170.2160, 19.1205, -19.4834



175.3610, -0.6710, 28.6244



171.3920, -17.9413, 14.5652



165.0730, 2.4290, -32.5130

Rectangle

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



170.2160, 19.1205, -19.4834



174.9380, 10.8766, 11.4554



171.3920, -17.9413, 14.5652



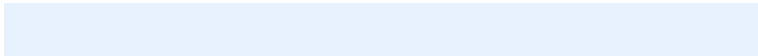
167.4640, -10.5818, -12.6849

Sweetspot

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



170.2160, 19.1205, -19.4834



240.4920, 7.1524, -7.4475



187.7970, -2.3649, -34.9020



118.2320, 4.8156, -4.5885



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.



170.2160, 19.1205, -19.4834



198.4520, 27.8782, -28.4604



156.1500, 26.0551, -3.6395



98.1890, 3.3578, -3.6738



61.4160, 52.5459, -53.8618



14.6530, 12.9891, -12.8507

Inverse Universe

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



169.2030, 2.3649, 34.9020



196.9430, 3.4791, 50.9160



200.8500, -26.0550, 3.6396



97.8590, 0.5625, 6.2627



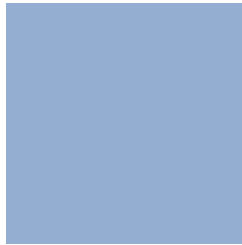
58.4400, 6.6851, 96.0841



14.1970, 1.3819, 23.5062

Previews

White Background



This preview shows how the YUV color 170.2160, 19.1205, -19.4834 looks on a white background.

Color Contrast Check

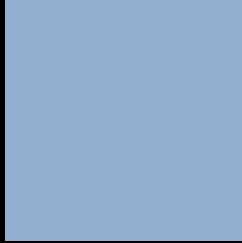
Large Text (above 18pt) WCAG AA × Fail

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 170.2160, 19.1205, -19.4834 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

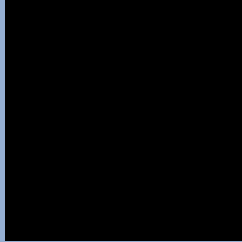
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

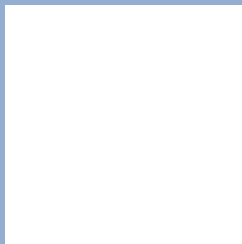
Any Text WCAG AAA ✓ Pass

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

YUV 170.2160, 19.1205, -19.4834 Background



This preview shows how black text looks on a background with the YUV color 170.2160, 19.1205, -19.4834.



This preview shows how white text looks on a background with the YUV color 170.2160, 19.1205, -19.4834.

-19.4834.

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

170.2160, 19.1205, -19.4834

Protanopia

172.3100, 16.6092, -7.2879

Deuteranopia

173.0870, 18.1981, -3.5843



Tritanopia

168.7290, 10.9796, -21.6873

Trichromacy



Original Color

170.2160, 19.1205, -19.4834

Protanomaly

171.2170, 17.6410, -11.5913

Deuteranomaly

171.8690, 18.7986, -9.5321

Tritanomaly

169.2390, 14.1792, -21.2576

Monochromacy



Original Color

170.2160, 19.1205, -19.4834

Achromatopsia

170.0000, 0.0000, 0.0000

Achromatomaly

169.7910, 7.0050, -6.8327

CSS Examples

Text

The CSS property to change the color of the text to YUV 170.2160, 19.1205, -19.4834 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(148, 174, 209)` looks like.

```
.text, #text, p{  
    color:rgb(148, 174, 209)  
}
```

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(148, 174, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 174, 209) }
```

Border

The CSS property to change the border of an element to YUV 170.2160, 19.1205, -19.4834 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(148, 174, 209) }
```


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

```
.border{ border-color:rgb(148, 174, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 174, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 174, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 174, 209);  
box-shadow:4px 4px 4px 4px rgb(148, 174,  
209) }
```

Background

The CSS property to change the background color of an element to YUV 170.2160, 19.1205, -19.4834 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 174, 209) }
```

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

```
.background{ background-color: rgb(148,  
174, 209) }
```

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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