

Converting Colors

YUV(170.0440, 13.2893,
-15.8246)

Have a look what the booklet for
YUV(170.0440, 13.2893, -15.8246)
contains.

YUV(170.0440, 13.2893, -15.8246)	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(170.0440, 13.2893,
-15.8246)**

Conversions

Conversions Part 1

Format	Color
Hex	98AEC5
RGB	152, 174, 197
RGB Percent	60%, 68%, 77%
CMY	0.4039, 0.3176, 0.2275
CMYK	0.23, 0.12, 0.00, 0.23
HSL	211°, 28%, 68%
HSV	211°, 23%, 77%
XYZ	38.1630, 40.9787, 58.7216
YIQ	170.0440, -20.4950, 2.4890

Conversions

Conversions Part 2

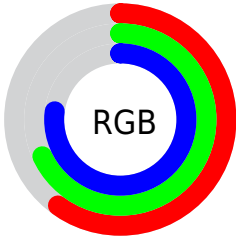
Format	Color
R _Y B	152, 167, 197
Decimal	10006213
CIE Lab	70.16, -2.52, -14.24
CIE LCh	70, 14.463, 259.984
Yxy	40.9787, 0.2768, 0.2972
Android (android.graphics.Color)	4288196293 (0xFF98AEC5)
YUV	170.0440, 13.2893, -15.8246
Hunter-Lab	64.0146, -5.6109, -9.5774

Details

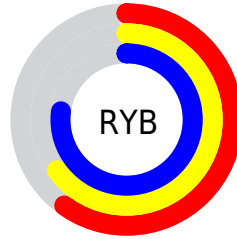
The YUV color **170.0440, 13.2893, -15.8246** is a light color, and the websafe version is hex **999999**. A complement of this color would be **178.9560, -13.2893, 15.8246**, and the grayscale version is **170.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **225.2720, 14.1629, -16.0245**, and **117.8160, 12.4157, -15.6246** is the 20% darker color. If you saturate the color by 10%, you get **158.1940, 19.1314, -22.9721**, and if you desaturate by 10%, it is **181.8940, 7.4473, -8.6770**.

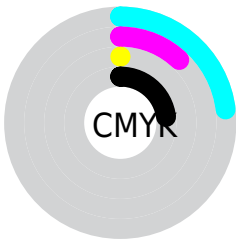
Distribution



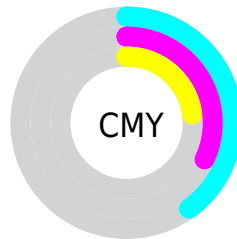
- Red (60%)
- Green (68%)
- Blue (77%)



- Red (60%)
- Yellow (65%)
- Blue (77%)



- Cyan (23%)
- Magenta (12%)
- Yellow (0%)
- Black (23%)



- Cyan (40%)
- Magenta (32%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YUV color 170.0440, 13.2893, -15.8246 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 170.0440, 13.2893, -15.8246 by changing the saturation by 10% instead.

■ 170.0440, 13.2893,
-15.8246

■ 170.0440, 13.2893,
-15.8246

255.0000, 0.0000,
0.0000

■ 143.3430, 13.1419,
-15.2098

■ 225.2720, 14.1629,
-16.0245

■ 117.8160, 12.4157,
-15.6246

■ 249.0200, 2.9481,
-12.2955

■ 93.1150, 12.2683,
-15.0099

■ 69.0010, 11.8315,
-14.9099

■ 46.1750, 11.2527,
-15.9395

■ 24.1640, 11.2581,
-17.6838

■ 4.2520, 11.2148,

-3.7290

■ 0.0000, 0.0000,
0.0000

■ 170.0440, 13.2893,
-15.8246

■ 170.0440, 13.2893,
-15.8246

■ 158.1940, 19.1314,
-22.9721

■ 181.8940, 7.4473,
-8.6770

■ 146.6430, 24.8260,
-29.5049

■ 193.4450, 1.7526,
-2.1443

■ 134.7930, 30.6681,
-36.6525

■ 205.2950, -4.0894,
5.0033

■ 122.9430, 36.5101,
-43.8000

■ 217.1450, -9.9315,
12.1508

■ 111.3920, 42.2047,
-50.3328

■ 228.9950,
-15.7735, 19.2984

■ 99.5420, 48.0468,
-57.4803

■ 236.0610,
-19.2571, 16.6095

■ 87.6920, 53.8888,
-64.6279

■ 241.9310,
-22.1510, 11.4615

■ 78.8100, 58.2677,
-69.1164

■ 248.3880,
-25.3343, 5.7987

Harmonies

Analogous

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



167.5330, 11.5692, -24.1464



170.0440, 13.2893, -15.8246



172.3660, 11.6516, -3.8290

Triad

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



170.0440, 13.2893, -15.8246



174.0630, -5.4541, 22.7467



168.3980, -7.0982, -9.9960

Complementary

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



170.0440, 13.2893, -15.8246



178.9560, -13.2893, 15.8246

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.



170.0360, -11.3567, 2.5994



170.0440, 13.2893, -15.8246



172.7870, -10.2480, 20.3578

Square

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



170.0440, 13.2893, -15.8246



174.3490, 0.8139, 18.9879



171.4610, -12.5523, 12.7507



167.3520, -0.6665, -19.6027

Rectangle

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



170.0440, 13.2893, -15.8246



173.4380, 9.1511, 4.8779



171.4610, -12.5523, 12.7507



168.9640, -8.8563, -6.1074

Sweetspot

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



170.0440, 13.2893, -15.8246



244.3350, 5.2578, -6.4328



181.0370, -2.9762, -25.4654



121.1890, 3.3578, -3.6738



0.0000, 0.0000, 0.0000



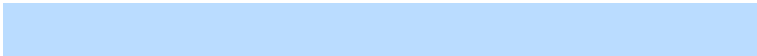
128.0000, 0.0000, 0.0000

Same Dimension

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



170.0440, 13.2893, -15.8246



213.8240, 20.2998, -24.4016



157.1300, 19.6559, -4.4990



93.3740, 2.7736, -2.9590



65.5420, 48.0468, -57.4803



14.0830, 10.8051, -12.3508

Inverse Universe

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



167.9630, 2.9762, 25.4654



210.5070, 4.6800, 39.0204



191.8700, -19.6559, 4.4990



93.1470, 0.4205, 5.1331



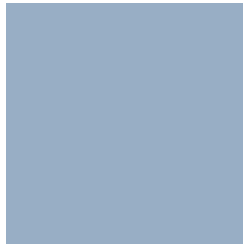
57.8570, 10.9165, 92.2104



12.7020, 2.1189, 20.4323

Previews

White Background



This preview shows how the YUV color 170.0440, 13.2893, -15.8246 looks on a white background.

Color Contrast Check

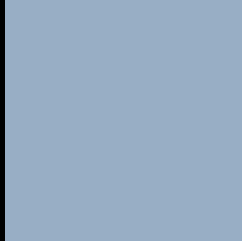
Large Text (above 18pt) WCAG AA × Fail

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 170.0440, 13.2893, -15.8246 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

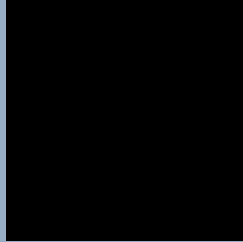
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 170.0440, 13.2893, -15.8246

Background



This preview shows how black text looks on a background with the YUV color 170.0440, 13.2893, -15.8246.



This preview shows how white text looks on a background with the YUV color 170.0440, 13.2893, -15.8246.

-15.8246.

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

170.0440, 13.2893, -15.8246

Protanopia

171.8390, 10.9254, -4.2438

Deuteranopia

172.9260, 12.3615, 1.8189



Tritanopia

169.1210, 9.8003, -16.7691

Trichromacy



Original Color

170.0440, 13.2893, -15.8246

Protanomaly

171.0450, 11.8098, -7.9325

Deuteranomaly

172.2950, 12.6726, -4.6437

Tritanomaly

169.7620, 10.9633, -16.4543

Monochromacy



Original Color

170.0440, 13.2893, -15.8246

Achromatopsia

170.0000, 0.0000, 0.0000

Achromatomaly

169.6340, 5.1104, -5.8180

CSS Examples

Text

The CSS property to change the color of the text to YUV 170.0440, 13.2893, -15.8246 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(152, 174, 197)` looks like.

```
.text, #text, p{  
    color:rgb(152, 174, 197)  
}
```

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(152, 174, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 174, 197) }
```

Border

The CSS property to change the border of an element to YUV 170.0440, 13.2893, -15.8246 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(152, 174, 197) }
```


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

```
.border{ border-color:rgb(152, 174, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 174, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 174, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 174, 197);  
box-shadow:4px 4px 4px 4px rgb(152, 174,  
197) }
```

Background

The CSS property to change the background color of an element to YUV 170.0440, 13.2893, -15.8246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 174, 197) }
```

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

```
.background{ background-color: rgb(152,  
174, 197) }
```

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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