

Converting Colors

YUV(170.0820, 2.4246, 15.7141)

Have a look what the booklet for
YUV(170.0820, 2.4246, 15.7141)
contains.

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Color

**YUV(170.0820, 2.4246,
15.7141)**

Conversions

Conversions Part 1

Format	Color
Hex	BCA0AF
RGB	188, 160, 175
RGB Percent	74%, 63%, 69%
CMY	0.2627, 0.3725, 0.3137
CMYK	0.00, 0.15, 0.07, 0.26
HSL	328°, 17%, 68%
HSV	328°, 15%, 74%
XYZ	41.0477, 38.9281, 45.9079
YIQ	170.0820, 11.8730, 10.6010

Conversions

Conversions Part 2

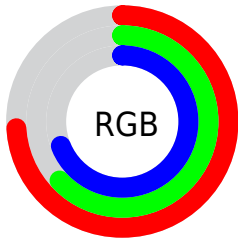
Format	Color
R_{YB}	188, 160, 175
Decimal	12361903
CIE _{Lab}	68.70, 12.86, -3.94
CIE _{LCh}	69, 13.445, 342.971
Yxy	38.9281, 0.3261, 0.3092
Android (android.graphics.Color)	4290551983 (0xFFBCA0AF)
YUV	170.0820, 2.4246, 15.7141
Hunter-Lab	62.3924, 8.2477, 0.0495

Details

The YUV color $170.0820, 2.4246, 15.7141$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $177.9180, -2.4246, -15.7141$, and the grayscale version is $170.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $225.3810, 2.2772, 16.3289$, and $117.7830, 2.5720, 15.0993$ is the 20% darker color. If you saturate the color by 10%, you get $157.9030, 3.9918, 26.3951$, and if you desaturate by 10%, it is $182.2610, 0.8573, 5.0331$.

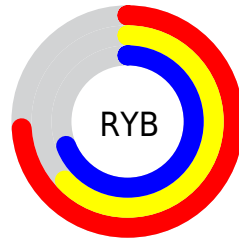
Distribution



Red (74%)

Green (63%)

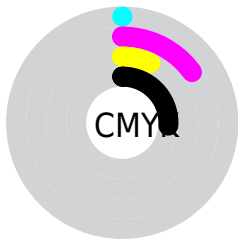
Blue (69%)



Red (74%)

Yellow (63%)

Blue (69%)

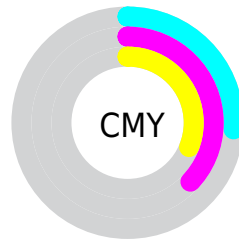


Cyan (0%)

Magenta (15%)

Yellow (7%)

Black (26%)



Cyan (26%)


Magenta (37%)


Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YUV color 170.0820, 2.4246, 15.7141 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 170.0820, 2.4246, 15.7141 by changing the saturation by 10% instead.


 170.0820, 2.4246,
15.7141

 170.0820, 2.4246,
15.7141


255.0000, 0.0000,
0.0000


 143.6690, 2.1352,
15.1993

 225.3810, 2.2772,
16.3289

 117.7830, 2.5720,
15.0993

 247.9560, 3.4727,
6.1776

 93.0710, 2.4300,
13.9697

 69.6580, 2.1406,
13.4549

 46.9460, 1.9986,
12.3254

 25.6470, 2.1460,
11.7106

 5.2400, -0.6113,

9.4365

0.0000, 0.0000,
0.0000

170.0820, 2.4246,
15.7141

170.0820, 2.4246,
15.7141

157.9030, 3.9918,
26.3951

182.2610, 0.8573,
5.0331

145.8380, 5.9959,
36.9761

194.3260, -1.1467,
-5.5479

134.2460, 7.2737,
47.1423

205.9180, -2.4246,
-15.7141

122.0670, 8.8410,
57.8232

218.0970, -3.9918,
-26.3951

109.8880, 10.4082,
68.5042

230.2760, -5.5591,
-37.0761

■ 97.8230, 12.4123,
79.0852

■ 231.7750, -2.3541,
-38.3907

■ 85.6440, 13.9795,
89.7662

■ 232.8010, 1.5771,
-39.2905

■ 74.0520, 15.2574,
99.9324

■ 233.8270, 5.5083,
-40.1903

■ 67.7260, 16.4041,
105.4803

■ 234.8530, 9.4395,
-41.0901

Harmonies

Analogous

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



169.3950, 7.6933, 5.7926



170.0820, 2.4246, 15.7141



169.6220, -3.2646, 20.5025

Triad

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



170.0820, 2.4246, 15.7141



166.4600, -11.0728, 4.8586



164.3760, 9.6746, -23.1318

Complementary

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



170.0820, 2.4246, 15.7141



177.9180, -2.4246, -15.7141

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.



163.4100, 4.7279, -23.1616



170.0820, 2.4246, 15.7141



165.3060, -7.5459, -6.4074

Square

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



170.0820, 2.4246, 15.7141



167.8140, -11.2473, 14.1951



163.7330, -1.8404, -16.4288



165.9900, 11.8369, -16.6542

Rectangle

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



170.0820, 2.4246, 15.7141



169.2970, -7.0484, 20.7875



163.7330, -1.8404, -16.4288



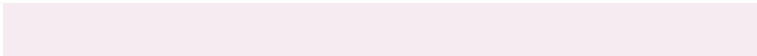
163.3220, 8.2223, -23.9614

Sweetspot

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



170.0820, 2.4246, 15.7141



238.5600, 0.7099, 5.6479



167.0790, 10.3141, 5.1927



118.2500, 0.8628, 3.2887



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



170.0820, 2.4246, 15.7141



216.7780, 3.5604, 24.7507



168.4860, -3.6906, 17.1138



88.2610, 0.8573, 5.0331



56.9320, 13.8375, 88.6366



11.0930, 2.4192, 17.4584

Inverse Universe

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



170.0820, 2.4246, 15.7141



216.7780, 3.5604, 24.7507



179.5140, 3.6906, -17.1138



88.2610, 0.8573, 5.0331



56.9320, 13.8375, 88.6366



11.0930, 2.4192, 17.4584

Previews

White Background



This preview shows how the YUV color 170.0820, 2.4246, 15.7141 looks on a white background.

Color Contrast Check

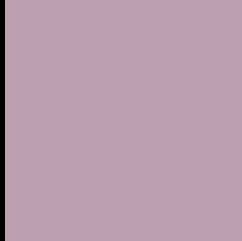
Large Text (above 18pt) WCAG AA × Fail

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 170.0820, 2.4246, 15.7141 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

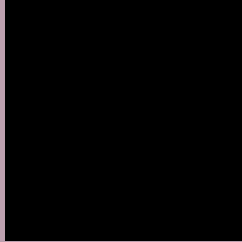
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 170.0820, 2.4246, 15.7141

Background



This preview shows how black text looks on a background with the YUV color 170.0820, 2.4246, 15.7141.



This preview shows how white text looks on a background with the YUV color 170.0820, 2.4246,

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

170.0820, 2.4246, 15.7141

Protanopia

168.3680, 5.2416, -1.1997

Deuteranopia

169.6360, 2.1515, 9.9662



Tritanopia

169.8540, 1.5510, 15.9140

Trichromacy



Original Color

170.0820, 2.4246, 15.7141

Protanomaly

168.8850, 4.4937, 5.3629

Deuteranomaly

169.9460, 1.9986, 12.3254

Tritanomaly

169.9680, 1.9878, 15.8141

Monochromacy



Original Color

170.0820, 2.4246, 15.7141

Achromatopsia

170.0000, 0.0000, 0.0000

Achromatomaly

169.9730, 0.9993, 6.1627

CSS Examples

Text

The CSS property to change the color of the text to YUV 170.0820, 2.4246, 15.7141 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(188, 160, 175)` looks like.

```
.text, #text, p{  
    color:rgb(188, 160, 175)  
}
```

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(188, 160, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 160, 175) }
```

Border

The CSS property to change the border of an element to YUV 170.0820, 2.4246, 15.7141 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(188, 160, 175) }
```


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

```
.border{ border-color:rgb(188, 160, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 160, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 160, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 160, 175);  
box-shadow:4px 4px 4px 4px rgb(188, 160,  
175) }
```

Background

The CSS property to change the background color of an element to YUV 170.0820, 2.4246, 15.7141 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 160, 175) }
```

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

```
.background{ background-color: rgb(188,  
160, 175) }
```

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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