

Converting Colors

YUV(160.3560, 0.3175, 38.2758)

Have a look what the booklet for
YUV(160.3560, 0.3175, 38.2758)
contains.

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Color

**YUV(160.3560, 0.3175,
38.2758)**

Conversions

Conversions Part 1

Format	Color
Hex	CC8AA1
RGB	204, 138, 161
RGB Percent	80%, 54%, 63%
CMY	0.2000, 0.4588, 0.3686
CMYK	0.00, 0.32, 0.21, 0.20
HSL	339°, 39%, 67%
HSV	339°, 32%, 80%
XYZ	40.4233, 33.5875, 38.0707
YIQ	160.3560, 31.9530, 21.1450

Conversions

Conversions Part 2

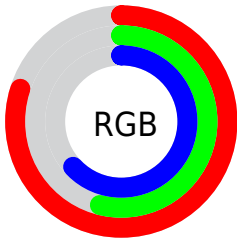
Format	Color
R_{YB}	204, 138, 161
Decimal	13404833
CIE _{Lab}	64.63, 28.45, -1.87
CIE _{LCh}	65, 28.514, 356.230
Yxy	33.5875, 0.3607, 0.2997
Android (android.graphics.Color)	4291594913 (0xFFCC8AA1)
YUV	160.3560, 0.3175, 38.2758
Hunter-Lab	57.9548, 23.0826, 1.6205

Details

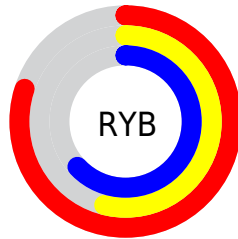
The YUV color **160.3560, 0.3175, 38.2758** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **181.6440, -0.3175, -38.2758**, and the grayscale version is **160.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **213.5730, 1.1965, 36.3315**, and **108.1600, 0.9071, 35.8167** is the 20% darker color. If you saturate the color by 10%, you get **147.1340, 0.4269, 49.8715**, and if you desaturate by 10%, it is **173.5780, 0.2080, 26.6801**.

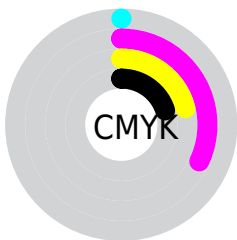
Distribution



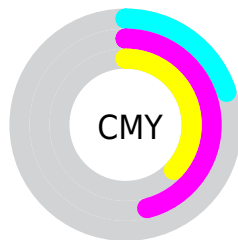
- Red (80%)
- Green (54%)
- Blue (63%)



- Red (80%)
- Yellow (54%)
- Blue (63%)



- Cyan (0%)
- Magenta (32%)
- Yellow (21%)
- Black (20%)



- Cyan (20%)
- Magenta (46%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the YUV color 160.3560, 0.3175, 38.2758 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 160.3560, 0.3175, 38.2758 by changing the saturation by 10% instead.


 160.3560, 0.3175,
38.2758


 160.3560, 0.3175,
38.2758

255.0000, 0.0000,
0.0000


 133.7580, 0.6123,
37.0462

 213.5730, 1.1965,
36.3315


 108.1600, 0.9071,
35.8167


 233.2010, 5.3239,
19.1177

 83.1490, 0.9125,
34.0723

 251.4780, 1.7363,
3.0888

 58.6650, 1.6442,
32.7428

 35.1810, 2.3758,
31.4133

 16.3330, 1.8078,
26.8950

 4.1860, -2.0637,

8.6069

■ 0.0000, 0.0000,
0.0000

■ 160.3560, 0.3175,
38.2758

■ 160.3560, 0.3175,
38.2758

■ 147.1340, 0.4269,
49.8715

■ 173.5780, 0.2080,
26.6801

■ 133.2110, 0.3890,
62.0820

■ 187.5010, 0.2460,
14.4696

■ 119.9890, 0.4984,
73.6776

■ 200.7230, 0.1366,
2.8739


■ 106.1800, 0.8973,
85.7881


■ 214.5320, -0.2623,
-9.2366

■ 92.9580, 1.0067,
97.3838


■ 227.7540, -0.3717,
-20.8323

 79.6220, 0.6794,
109.0795

 238.1550, 1.4026,
-29.9539

 69.0900, 0.9416,
118.3161

 239.6370, 7.0810,
-31.2536

 239.7510, 7.5178,
-31.3536

Harmonies

Analogous

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



160.6450, 12.0070, 22.2363



160.3560, 0.3175, 38.2758



158.8760, -11.7709, 42.2047

Triad

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



160.3560, 0.3175, 38.2758



152.8970, -20.6552, -1.6637



146.0160, 25.6281, -53.5110

Complementary

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



160.3560, 0.3175, 38.2758



181.6440, -0.3175, -38.2758

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.



142.5070, 17.4980, -59.2036



160.3560, 0.3175, 38.2758



149.6860, -10.6912, -24.2806

Square

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



160.3560, 0.3175, 38.2758



155.7040, -24.5041, 19.5536



145.6260, 3.6354, -46.1530



152.8000, 26.7206, -30.5196

Rectangle

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



160.3560, 0.3175, 38.2758



158.1330, -18.3066, 38.4714



145.6260, 3.6354, -46.1530



143.9400, 24.1866, -57.8294

Sweetspot

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



160.3560, 0.3175, 38.2758



238.3870, -0.1908, 14.5696



158.3810, 22.4902, 19.8369



117.4680, 0.2623, 9.2366



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.



160.3560, 0.3175, 38.2758



189.4770, 0.2578, 57.4637



163.6040, -12.6228, 35.4273



95.3320, -0.1637, 5.8478



56.2460, 0.8647, 96.2543



12.8440, 0.0769, 22.0618

Inverse Universe

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



160.3560, 0.3175, 38.2758



189.4770, 0.2578, 57.4637



178.3960, 12.6228, -35.4273



95.3320, -0.1637, 5.8478



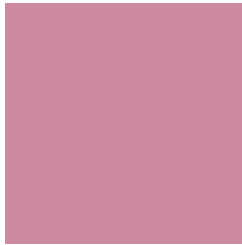
56.2460, 0.8647, 96.2543



12.8440, 0.0769, 22.0618

Previews

White Background



This preview shows how the YUV color 160.3560, 0.3175, 38.2758 looks on a white background.

Color Contrast Check

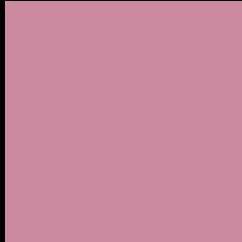
Large Text (above 18pt) WCAG AA × Fail

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 160.3560, 0.3175, 38.2758 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

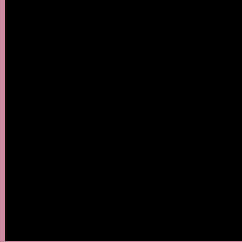
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 160.3560, 0.3175, 38.2758

Background



This preview shows how black text looks on a background with the YUV color 160.3560, 0.3175, 38.2758.



This preview shows how white text looks on a background with the YUV color 160.3560, 0.3175,

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

160.3560, 0.3175, 38.2758

Protanopia

157.8240, 6.9888, -1.5996

Deuteranopia

158.6640, -0.3274, 11.6957



Tritanopia

159.9770, -4.9187, 37.7312

Trichromacy



Original Color

160.3560, 0.3175, 38.2758

Protanomaly

158.3420, 4.7614, 12.8551

Deuteranomaly

159.4310, -0.2125, 21.5470

Tritanomaly

159.8460, -2.8821, 37.8461

Monochromacy



Original Color

160.3560, 0.3175, 38.2758

Achromatopsia

160.0000, 0.0000, 0.0000

Achromatomaly

160.0880, -0.0434, 13.9548

CSS Examples

Text

The CSS property to change the color of the text to YUV 160.3560, 0.3175, 38.2758 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(204, 138, 161)` looks like.

```
.text, #text, p{  
    color:rgb(204, 138, 161)  
}
```

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(204, 138, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 138, 161) }
```

Border

The CSS property to change the border of an element to YUV 160.3560, 0.3175, 38.2758 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(204, 138, 161) }
```


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

```
.border{ border-color:rgb(204, 138, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 138, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 138, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 138, 161);  
box-shadow:4px 4px 4px 4px rgb(204, 138,  
161) }
```

Background

The CSS property to change the background color of an element to YUV 160.3560, 0.3175, 38.2758 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 138, 161) }
```

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

```
.background{ background-color: rgb(204,  
138, 161) }
```

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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