

Converting Colors

YUV(168.3640, 1.2995, 3.1888)

Have a look what the booklet for
YUV(168.3640, 1.2995, 3.1888)
contains.

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Color

**YUV(168.3640, 1.2995,
3.1888)**

Conversions

Conversions Part 1

Format	Color
Hex	ACA6AB
RGB	172, 166, 171
RGB Percent	67%, 65%, 67%
CMY	0.3255, 0.3490, 0.3294
CMYK	0.00, 0.03, 0.01, 0.33
HSL	310°, 3%, 66%
HSV	310°, 3%, 67%
XYZ	38.0002, 38.9834, 44.0498
YIQ	168.3640, 1.9710, 2.8270

Conversions

Conversions Part 2

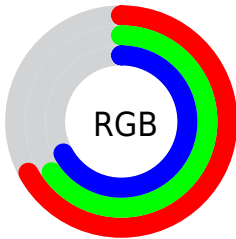
Format	Color
RYB	172, 166, 171
Decimal	11314859
CIELab	68.74, 3.09, -1.82
CIElCh	69, 3.583, 329.523
Yxy	38.9834, 0.3140, 0.3221
Android (android.graphics.Color)	4289504939 (0xFFACA6AB)
YUV	168.3640, 1.2995, 3.1888
Hunter-Lab	62.4367, -0.6256, 1.8759

Details

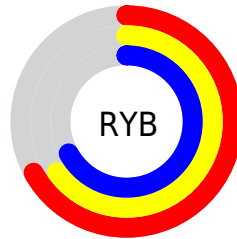
The YUV color **168.3640, 1.2995, 3.1888** is a light color, and the websafe version is hex **999999**. A complement of this color would be **169.6360, -1.2995, -3.1888**, and the grayscale version is **168.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **223.3640, 1.2995, 3.1888**, and **116.3640, 1.2995, 3.1888** is the 20% darker color. If you saturate the color by 10%, you get **158.0430, 4.9088, 12.2403**, and if you desaturate by 10%, it is **178.6850, -2.3097, -5.8627**.

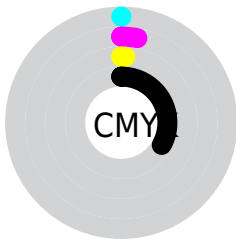
Distribution



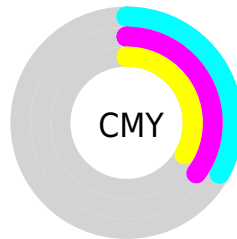
- Red (67%)
- Green (65%)
- Blue (67%)



- Red (67%)
- Yellow (65%)
- Blue (67%)



- Cyan (0%)
- Magenta (3%)
- Yellow (1%)
- Black (33%)



- Cyan (33%)
- Magenta (35%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 168.3640, 1.2995, 3.1888 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 168.3640, 1.2995, 3.1888 by changing the saturation by 10% instead.

■ 168.3640, 1.2995,
3.1888

■ 168.3640, 1.2995,
3.1888

■ 255.0000, 0.0000,
0.0000

■ 142.0650, 1.4470,
2.5740

■ 223.3640, 1.2995,
3.1888

■ 116.3640, 1.2995,
3.1888

■ 252.0650, 1.4470,
2.5740

■ 91.9510, 1.0102,
2.6740

■ 68.0650, 1.4470,
2.5740

■ 45.9510, 1.0102,
2.6740

■ 25.5380, 0.7208,
2.1592

■ 0.0000, 0.0000,

0.0000

■ 168.3640, 1.2995,
3.1888

■ 168.3640, 1.2995,
3.1888

■ 158.0430, 4.9088,
12.2403

■ 178.6850, -2.3097,
-5.8627

■ 147.7220, 8.5181,
21.2918

■ 189.0060, -5.9190,
-14.9143

■ 136.8140, 12.4167,
30.8581

■ 199.9140, -9.8176,
-24.4806

■ 126.6070, 16.4627,
39.8097

■ 210.1210,
-13.8637, -33.4321

■ 116.2860, 20.0720,
48.8612

■ 220.4420,
-17.4729, -42.4836

■ 105.9650, 23.6813,
57.9127

■ 222.5450,
-17.0307, -44.3280

■ 95.6440, 27.2905,
66.9642

■ 222.8870,
-15.7203, -44.6279

■ 84.7360, 31.1892,
76.5305

■ 223.2290,
-14.4099, -44.9278

■ 74.4150, 34.7984,
85.5820

■ 223.5710,
-13.0995, -45.2278

Harmonies

Analogous

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



167.9830, 2.4734, 0.0149



168.3640, 1.2995, 3.1888



168.6200, -0.3057, 4.7183

Triad

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



168.3640, 1.2995, 3.1888



167.5120, -3.2104, 3.0590



167.1240, 1.9109, -6.2477

Complementary

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



168.3640, 1.2995, 3.1888



169.6360, -1.2995, -3.1888

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.



166.9670, 0.0163, -5.2331



168.3640, 1.2995, 3.1888



167.0170, -2.4734, -0.0149

Square

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



168.3640, 1.2995, 3.1888



167.9360, -2.9264, 5.3181



166.6360, -1.2995, -3.1888



167.0640, 2.9264, -5.3181

Rectangle

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



168.3640, 1.2995, 3.1888



168.6910, -1.3267, 5.5330



166.6360, -1.2995, -3.1888



167.0100, 1.4741, -6.1478

Sweetspot

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



168.3640, 1.2995, 3.1888



222.8260, 0.5788, 1.0296



166.9830, 2.4734, 0.0149



111.4130, 0.2894, 0.5148



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



168.3640, 1.2995, 3.1888



218.6030, 2.1677, 4.7332



168.0220, -0.0108, 3.4887



83.9510, 1.0102, 2.6740



59.1000, 32.4887, 79.7193



9.0430, 4.9088, 12.2403

Inverse Universe

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



168.3640, 1.2995, 3.1888



218.6030, 2.1677, 4.7332



169.9780, 0.0108, -3.4887



83.9510, 1.0102, 2.6740



59.1000, 32.4887, 79.7193



9.0430, 4.9088, 12.2403

Previews

White Background



This preview shows how the YUV color 168.3640, 1.2995, 3.1888 looks on a white background.

Color Contrast Check

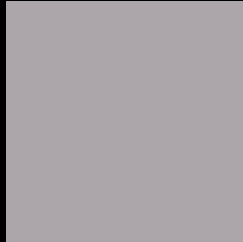
Large Text (above 18pt) WCAG AA × Fail

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 168.3640, 1.2995, 3.1888 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

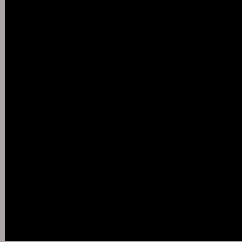
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 168.3640, 1.2995, 3.1888

Background



This preview shows how black text looks on a background with the YUV color 168.3640, 1.2995, 3.1888.



This preview shows how white text looks on a background with the YUV color 168.3640, 1.2995,

3.1888.

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

168.3640, 1.2995, 3.1888

Protanopia

168.0540, 1.4524, 0.8296

Deuteranopia

169.1200, 1.4198, 11.2958



Tritanopia

168.8740, 4.4991, 3.6185

Trichromacy



Original Color

168.3640, 1.2995, 3.1888

Protanomaly

168.3530, 1.3050, 1.4444

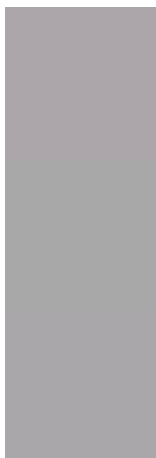
Deuteranomaly

168.5110, 1.7201, 8.3219

Tritanomaly

168.5320, 3.1887, 3.9184

Monochromacy



Original Color

168.3640, 1.2995, 3.1888

Achromatopsia

168.0000, 0.0000, 0.0000

Achromatomaly

167.8260, 0.5788, 1.0296

CSS Examples

Text

The CSS property to change the color of the text to YUV 168.3640, 1.2995, 3.1888 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(172, 166, 171)` looks like.

```
.text, #text, p{  
    color:rgb(172, 166, 171)  
}
```

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(172, 166, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 166, 171) }
```

Border

The CSS property to change the border of an element to YUV 168.3640, 1.2995, 3.1888 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(172, 166, 171) }
```


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

```
.border{ border-color:rgb(172, 166, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 166, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 166, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 166, 171);  
box-shadow:4px 4px 4px 4px rgb(172, 166,  
171) }
```

Background

The CSS property to change the background color of an element to YUV 168.3640, 1.2995, 3.1888 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 166, 171) }
```

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

```
.background{ background-color: rgb(172,  
166, 171) }
```

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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