

Converting Colors

YUV(170.8110, -3.3578, 3.6738)

Have a look what the booklet for
YUV(170.8110, -3.3578, 3.6738)
contains.

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Color

**YUV(170.8110, -3.3578,
3.6738)**

Conversions

Conversions Part 1

Format	Color
Hex	AFAAA4
RGB	175, 170, 164
RGB Percent	69%, 67%, 64%
CMY	0.3137, 0.3333, 0.3569
CMYK	0.00, 0.03, 0.06, 0.31
HSL	33°, 6%, 66%
HSV	33°, 6%, 69%
XYZ	38.7548, 40.5437, 40.9051
YIQ	170.8110, 4.9060, -0.8060

Conversions

Conversions Part 2

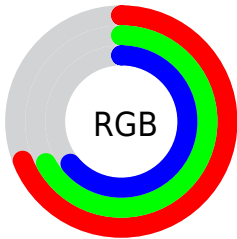
Format	Color
RYB	173, 175, 164
Decimal	11512484
CIELab	69.86, 0.70, 3.71
CIELCh	70, 3.779, 79.324
Yxy	40.5437, 0.3224, 0.3373
Android (android.graphics.Color)	4289702564 (0xFFAFAAA4)
YUV	170.8110, -3.3578, 3.6738
Hunter-Lab	63.6740, -2.7866, 6.4830

Details

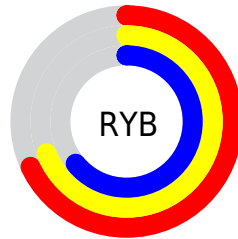
The YUV color **170.8110, -3.3578, 3.6738** is a light color, and the websafe version is hex **999999**. A complement of this color would be **168.1890, 3.3578, -3.6738**, and the grayscale version is **171.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **226.1100, -3.5052, 4.2885**, and **118.8110, -3.3578, 3.6738** is the 20% darker color. If you saturate the color by 10%, you get **164.1770, -8.4683, 9.4918**, and if you desaturate by 10%, it is **177.5590, 2.1894, -2.2442**.

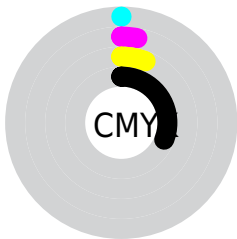
Distribution



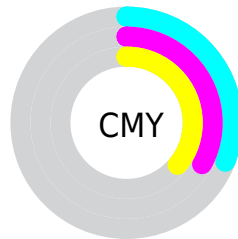
- Red (69%)
- Green (67%)
- Blue (64%)



- Red (68%)
- Yellow (69%)
- Blue (64%)



- Cyan (0%)
- Magenta (3%)
- Yellow (6%)
- Black (31%)



- Cyan (31%)
- Magenta (33%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YUV color 170.8110, -3.3578, 3.6738 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 170.8110, -3.3578, 3.6738 by changing the saturation by 10% instead.

■ 170.8110, -3.3578,
3.6738

■ 170.8110, -3.3578,
3.6738

255.0000, 0.0000,
0.0000

■ 144.5120, -3.2104,
3.0590

■ 226.1100, -3.5052,
4.2885

■ 118.8110, -3.3578,
3.6738

■ 253.5010, -3.2050,
1.3146

■ 93.9250, -2.9210,
3.5738

■ 70.6260, -2.7736,
2.9590

■ 47.7400, -2.3368,
2.8590

■ 27.3270, -2.6262,
2.3442

■ 0.0000, 0.0000,

0.0000

■ 170.8110, -3.3578,
3.6738

■ 170.8110, -3.3578,
3.6738

■ 164.1770, -8.4683,
9.4918

■ 177.5590, 2.1894,
-2.2442

■ 157.4290,
-14.0155, 15.4098

■ 184.1930, 7.2999,
-8.0623

■ 150.7950,
-19.1259, 21.2278

■ 190.9410, 12.8471,
-13.9803

■ 144.0470,
-24.6732, 27.1458

■ 197.5750, 17.9575,
-19.7983

■ 137.4130,
-29.7836, 32.9638

■ 204.3230, 23.5048,
-25.7163

■ 130.6650,
-35.3308, 38.8818

■ 209.3610, 22.5000,
-30.1346

■ 124.0310,
-40.4413, 44.6998

■ 214.0570, 20.1849,
-34.2530

■ 117.2830,
-45.9885, 50.6178

■ 218.7530, 17.8698,
-38.3714

■ 110.6490,
-51.0990, 56.4358

■ 223.4490, 15.5546,
-42.4898

Harmonies

Analogous

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



171.3490, -2.6371, 5.8329



170.8110, -3.3578, 3.6738



170.2020, -3.0576, 0.6998

Triad

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



170.8110, -3.3578, 3.6738



170.0100, 1.4741, -6.1478



171.1790, 1.8838, 2.4740

Complementary

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



170.8110, -3.3578, 3.6738



168.1890, 3.3578, -3.6738

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.



170.7980, 3.0576, -0.6998



170.8110, -3.3578, 3.6738



169.7650, 3.0739, -5.9329

Square

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



170.8110, -3.3578, 3.6738



169.8530, -0.4205, -5.1331



170.1890, 3.3578, -3.6738



171.7340, 0.1311, 4.6183

Rectangle

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



170.8110, -3.3578, 3.6738



170.0060, -2.4680, -1.7593



170.1890, 3.3578, -3.6738



170.9940, 2.4680, 1.7593

Sweetspot

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



170.8110, -3.3578, 3.6738



225.2560, -1.6052, 1.5295



167.8590, 0.5625, 6.2627



114.0710, -1.0210, 0.8147



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



170.8110, -3.3578, 3.6738



220.2520, -5.5472, 5.9180



173.7460, -4.8048, 1.0998



83.6260, -2.7736, 2.9590



92.9840, -45.8411, 50.0030



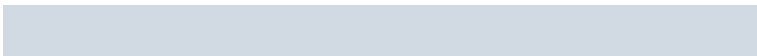
14.5080, -7.1524, 7.4475

Inverse Universe

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



168.1890, 3.3578, -3.6738



215.7480, 5.5472, -5.9180



165.2540, 4.8048, -1.0998



81.3740, 2.7736, -2.9590



57.0160, 45.8411, -50.0030



8.4920, 7.1524, -7.4475

Previews

White Background



This preview shows how the YUV color 170.8110, -3.3578, 3.6738 looks on a white background.

Color Contrast Check

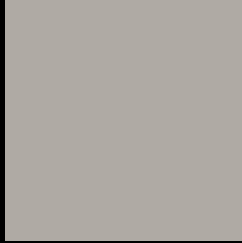
Large Text (above 18pt) WCAG AA × Fail

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 170.8110, -3.3578, 3.6738 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

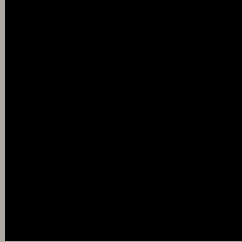
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 170.8110, -3.3578, 3.6738

Background



This preview shows how black text looks on a background with the YUV color 170.8110, -3.3578, 3.6738.



This preview shows how white text looks on a background with the YUV color 170.8110, -3.3578,

3.6738.

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

170.8110, -3.3578, 3.6738

Protanopia

170.8110, -3.3578, 3.6738

Deuteranopia

172.1760, -3.5378, 14.7546



Tritanopia

171.5860, 4.6411, 4.7481

Trichromacy



Original Color

170.8110, -3.3578, 3.6738

Protanomaly

170.8110, -3.3578, 3.6738

Deuteranomaly

171.8550, -3.3795, 10.6512

Tritanomaly

171.1900, 1.8783, 4.2184

Monochromacy



Original Color

170.8110, -3.3578, 3.6738

Achromatopsia

171.0000, 0.0000, 0.0000

Achromatomaly

170.9570, -1.4578, 0.9147

CSS Examples

Text

The CSS property to change the color of the text to YUV 170.8110, -3.3578, 3.6738 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(175, 170, 164)` looks like.

```
.text, #text, p{  
    color:rgb(175, 170, 164)  
}
```

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(175, 170, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 170, 164) }
```

Border

The CSS property to change the border of an element to YUV 170.8110, -3.3578, 3.6738 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(175, 170, 164) }
```


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

```
.border{ border-color:rgb(175, 170, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 170, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 170, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 170, 164);  
box-shadow:4px 4px 4px 4px rgb(175, 170,  
164) }
```

Background

The CSS property to change the background color of an element to YUV 170.8110, -3.3578, 3.6738 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 170, 164) }
```

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

```
.background{ background-color: rgb(175,  
170, 164) }
```

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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