

Converting Colors

YUV(166.3550, -5.1050, 4.0737)

Have a look what the booklet for
YUV(166.3550, -5.1050, 4.0737)
contains.

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Color

**YUV(166.3550, -5.1050,
4.0737)**

Conversions

Conversions Part 1

Format	Color
Hex	ABA69C
RGB	171, 166, 156
RGB Percent	67%, 65%, 61%
CMY	0.3294, 0.3490, 0.3882
CMYK	0.00, 0.03, 0.09, 0.33
HSL	40°, 8%, 64%
HSV	40°, 9%, 67%
XYZ	36.4316, 38.3307, 36.9309
YIQ	166.3550, 6.1900, -2.0500

Conversions

Conversions Part 2

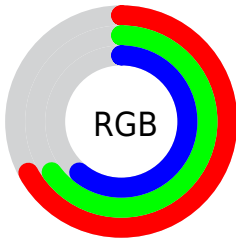
Format	Color
RYB	164, 171, 156
Decimal	11249308
CIELab	68.26, -0.00, 5.80
CIELCh	68, 5.804, 90.019
Yxy	38.3307, 0.3262, 0.3432
Android (android.graphics.Color)	4289439388 (0xFFABA69C)
YUV	166.3550, -5.1050, 4.0737
Hunter-Lab	61.9118, -3.3085, 7.9712

Details

The YUV color **166.3550, -5.1050, 4.0737** is a light color, and the websafe version is hex **999999**. A complement of this color would be **160.6450, 5.1050, -4.0737**, and the grayscale version is **166.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **221.2410, -5.5418, 4.1736**, and **114.4690, -4.6682, 3.9737** is the 20% darker color. If you saturate the color by 10%, you get **160.8950, -10.7942, 8.8621**, and if you desaturate by 10%, it is **171.8150, 0.5842, -0.7148**.

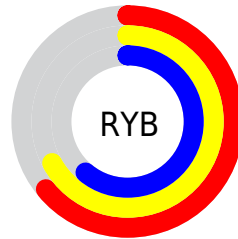
Distribution



Red (67%)

Green (65%)

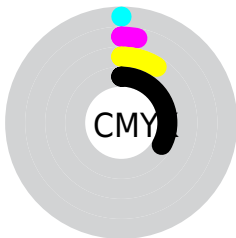
Blue (61%)



Red (64%)

Yellow (67%)

Blue (61%)

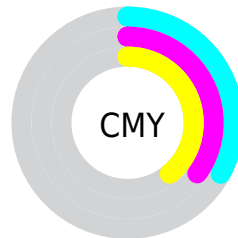


Cyan (0%)

Magenta (3%)

Yellow (9%)

Black (33%)



Cyan (33%)

Magenta (35%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YUV color 166.3550, -5.1050, 4.0737 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 166.3550, -5.1050, 4.0737 by changing the saturation by 10% instead.

■ 166.3550, -5.1050,
4.0737

■ 166.3550, -5.1050,
4.0737

255.0000, 0.0000,
0.0000

■ 140.0560, -4.9576,
3.4589

■ 221.2410, -5.5418,
4.1736

■ 114.4690, -4.6682,
3.9737

■ 250.2410, -5.5418,
4.1736

■ 90.1700, -4.5208,
3.3589

■ 66.2840, -4.0840,
3.2589

■ 44.2840, -4.0840,
3.2589

■ 23.8710, -4.3734,
2.7441

■ 0.0000, 0.0000,

0.0000

■ 166.3550, -5.1050,
4.0737

■ 166.3550, -5.1050,
4.0737

■ 160.8950,
-10.7942, 8.8621

■ 171.8150, 0.5842,
-0.7148

■ 156.0220,
-16.7728, 13.1357

■ 176.6880, 6.5628,
-4.9884

■ 150.5620,
-22.4621, 17.9241

■ 182.1480, 12.2520,
-9.7768

■ 145.1020,
-28.1513, 22.7125

■ 187.6080, 17.9413,
-14.5652

■ 140.2290,
-34.1299, 26.9862

■ 192.4810, 23.9199,
-18.8388

■ 134.6550,
-40.2559, 31.8746

■ 197.5990, 28.2987,
-23.3273

■ 129.1950,
-45.9451, 36.6630

■ 201.1210, 26.5623,
-26.4161

■ 123.7350,
-51.6344, 41.4514

■ 204.6430, 24.8260,
-29.5049

■ 118.8620,
-57.6130, 45.7250

■ 207.5780, 23.3790,
-32.0789

Harmonies

Analogous

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



166.7900, -4.8265, 8.0772



166.3550, -5.1050, 4.0737



165.8490, -4.3626, -0.7446

Triad

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



166.3550, -5.1050, 4.0737



164.7430, 3.0847, -9.4216



167.6030, 2.1677, 4.7332

Complementary

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



166.3550, -5.1050, 4.0737



160.6450, 5.1050, -4.0737

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.



167.0370, 3.9258, 0.8446



166.3550, -5.1050, 4.0737



165.2100, 4.8265, -8.0772

Square

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



166.3550, -5.1050, 4.0737



165.0590, 0.4639, -8.8217



166.3460, 5.2524, -4.6884



167.6420, -0.3165, 8.2070

Rectangle

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



166.3550, -5.1050, 4.0737



165.5820, -2.7519, -4.0184



166.3460, 5.2524, -4.6884



167.4180, 2.7519, 4.0184

Sweetspot

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



166.3550, -5.1050, 4.0737



220.0280, -2.4788, 1.7294



161.0550, -0.0271, 8.7218



110.9570, -1.4578, 0.9147



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.



166.3550, -5.1050, 4.0737



214.4540, -8.6048, 6.6178



168.3930, -6.1097, -0.3447



84.2130, -3.0630, 2.4442



103.5500, -51.0501, 40.7367



15.6820, -7.7312, 6.4179

Inverse Universe

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



160.6450, 5.1050, -4.0737



205.1330, 8.3154, -7.1326



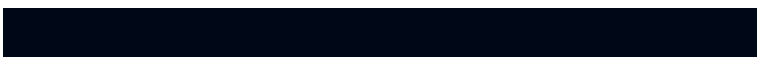
158.3080, 6.2572, -0.2701



80.7870, 3.0630, -2.4442



46.4500, 51.0501, -40.7367



7.3180, 7.7312, -6.4179

Previews

White Background



This preview shows how the YUV color 166.3550, -5.1050, 4.0737 looks on a white background.

Color Contrast Check

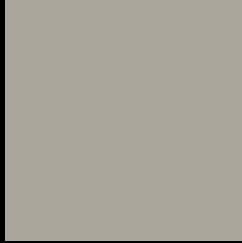
Large Text (above 18pt) WCAG AA × Fail

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 166.3550, -5.1050, 4.0737 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

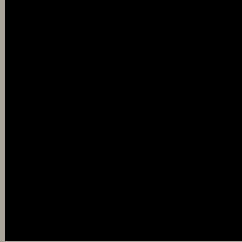
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 166.3550, -5.1050, 4.0737

Background



This preview shows how black text looks on a background with the YUV color 166.3550, -5.1050, 4.0737.



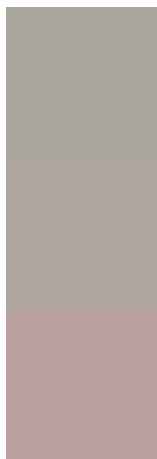
This preview shows how white text looks on a background with the YUV color 166.3550, -5.1050,

4.0737.

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

166.3550, -5.1050, 4.0737

Protanopia

166.6540, -5.2524, 4.6884

Deuteranopia

168.0190, -5.4324, 15.7693



Tritanopia

167.7710, 4.0569, 5.4628

Trichromacy



Original Color

166.3550, -5.1050, 4.0737

Protanomaly

166.6540, -5.2524, 4.6884

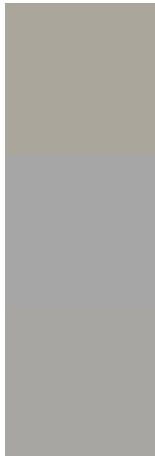
Deuteranomaly

167.6980, -5.2741, 11.6659

Tritanomaly

167.2610, 0.8573, 5.0331

Monochromacy



Original Color

166.3550, -5.1050, 4.0737

Achromatopsia

166.0000, 0.0000, 0.0000

Achromatomaly

166.1420, -2.0420, 1.6295

CSS Examples

Text

The CSS property to change the color of the text to YUV 166.3550, -5.1050, 4.0737 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(171, 166, 156)` looks like.

```
.text, #text, p{  
    color:rgb(171, 166, 156)  
}
```

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(171, 166, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 166, 156) }
```

Border

The CSS property to change the border of an element to YUV 166.3550, -5.1050, 4.0737 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(171, 166, 156) }
```


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

```
.border{ border-color:rgb(171, 166, 156) }
```

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

Here you see how a box with a 4 pixel rgb(171, 166, 156) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 166, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 166, 156);  
box-shadow:4px 4px 4px 4px rgb(171, 166,  
156) }
```

Background

The CSS property to change the background color of an element to YUV 166.3550, -5.1050, 4.0737 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 166, 156) }
```

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

```
.background{ background-color: rgb(171,  
166, 156) }
```

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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