

Converting Colors

YUV(166.5080, -27.3654,
3.9395)

Have a look what the booklet for
YUV(166.5080, -27.3654, 3.9395)
contains.

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Color

**YUV(166.5080, -27.3654,
3.9395)**

Conversions

Conversions Part 1

Format	Color
Hex	ABAF6F
RGB	171, 175, 111
RGB Percent	67%, 69%, 44%
CMY	0.3294, 0.3137, 0.5647
CMYK	0.02, 0.00, 0.37, 0.31
HSL	64°, 29%, 56%
HSV	64°, 37%, 69%
XYZ	34.9938, 40.4656, 21.0052
YIQ	166.5080, 18.1600, -20.7520

Conversions

Conversions Part 2

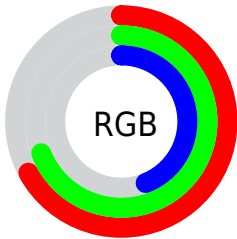
Format	Color
RYB	111, 175, 115
Decimal	11251567
CIELab	69.80, -11.47, 32.37
CIELCh	70, 34.339, 109.506
Yxy	40.4656, 0.3628, 0.4195
Android (android.graphics.Color)	4289441647 (0xFFABAF6F)
YUV	166.5080, -27.3654, 3.9395
Hunter-Lab	63.6126, -13.1276, 24.9509

Details

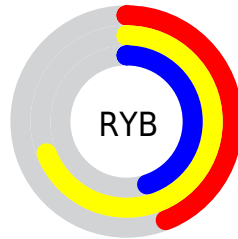
The YUV color **166.5080, -27.3654, 3.9395** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **119.4920, 27.3654, -3.9395**, and the grayscale version is **167.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **221.4650, -28.8232, 4.8542**, and **114.5510, -25.9076, 3.0248** is the 20% darker color. If you saturate the color by 10%, you get **164.2710, -34.6436, 5.0243**, and if you desaturate by 10%, it is **168.8590, -19.6505, 2.7547**.

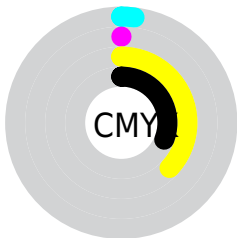
Distribution



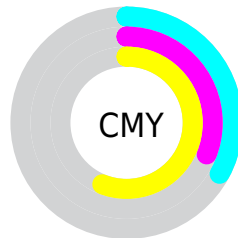
- Red (67%)
- Green (69%)
- Blue (44%)



- Red (44%)
- Yellow (69%)
- Blue (45%)



- Cyan (2%)
- Magenta (0%)
- Yellow (37%)
- Black (31%)



- Cyan (33%)
- Magenta (31%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 166.5080, -27.3654, 3.9395 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 166.5080, -27.3654, 3.9395 by changing the saturation by 10% instead.

■ 166.5080,
-27.3654, 3.9395

■ 166.5080,
-27.3654, 3.9395

■ 255.0000, 0.0000,
0.0000

■ 139.7360,
-26.4918, 3.7395

■ 221.4650,
-28.8232, 4.8542

■ 114.5510,
-25.9076, 3.0248

■ 247.7040,
-27.9551, 6.3986

■ 89.3660, -25.3234,
2.3100

■ 250.8960,
-15.7247, 3.5992

■ 65.1810, -24.7392,
1.5953

■ 254.2020, -3.0576,
0.6998

■ 43.3920, -21.3923,
1.4102

■ 24.4760, -12.0667,
-3.0485

■ 0.0000, 0.0000,

0.0000

■ 166.5080,
-27.3654, 3.9395

■ 166.5080,
-27.3654, 3.9395

■ 164.2710,
-34.6436, 5.0243

■ 168.8590,
-19.6505, 2.7547

■ 161.9200,
-42.3586, 6.2092

■ 171.0960,
-12.3723, 1.6698

■ 159.6830,
-49.6367, 7.2940

■ 173.3330, -5.0942,
0.5850

■ 157.3320,
-57.3517, 8.4788

■ 175.6840, 2.6208,
-0.5999

■ 155.0950,
-64.6298, 9.5637

■ 178.0350, 10.3357,
-1.7847

■ 152.4450,
-72.1974, 10.1337

■ 180.5710, 17.4665,
-2.2548

■ 151.7610,
-74.8182, 10.7336

■ 182.9220, 25.1815,
-3.4396

■ 185.1590, 32.4596,
-4.5244

■ 185.9140, 34.0594,
-4.3096

Harmonies

Analogous

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



169.6790, -29.9147, 28.3455



166.5080, -27.3654, 3.9395



162.4920, -16.5116, -24.1105

Triad

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



166.5080, -27.3654, 3.9395



152.4800, 31.8084, -75.8430



174.7140, 4.0850, 43.2238

Complementary

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



166.5080, -27.3654, 3.9395



119.4920, 27.3654, -3.9395

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.



174.5400, 17.9748, 21.4514



166.5080, -27.3654, 3.9395



163.1230, 33.4634, -46.5889

Square

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



166.5080, -27.3654, 3.9395



150.2660, 19.5889, -76.5323



171.0890, 28.5501, -10.6021



173.4580, -11.0718, 51.3413

Rectangle

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



166.5080, -27.3654, 3.9395



158.9440, -5.3954, -42.9239



171.0890, 28.5501, -10.6021



175.2340, 8.7586, 37.5058

Sweetspot

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



166.5080, -27.3654, 3.9395



223.5520, -10.6251, 1.2699



131.8970, -10.3022, 37.8013



112.9910, -6.4046, 0.8849



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.



166.5080, -27.3654, 3.9395



213.8060, -42.7954, 6.3091



157.2390, -22.7958, -15.1186



85.6750, -3.7838, 0.2850



130.2090, -64.1930, 9.4637



20.0790, -9.8989, 1.6847

Inverse Universe

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



119.4920, 27.3654, -3.9395



140.1940, 42.7954, -6.3091



128.7610, 22.7958, 15.1186



79.3250, 3.7838, -0.2850



19.7910, 64.1930, -9.4637



2.9210, 9.8989, -1.6847

Previews

White Background



This preview shows how the YUV color 166.5080, -27.3654, 3.9395 looks on a white background.

Color Contrast Check

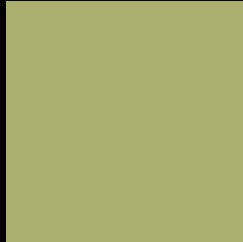
Large Text (above 18pt) WCAG AA × Fail

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 166.5080, -27.3654, 3.9395 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

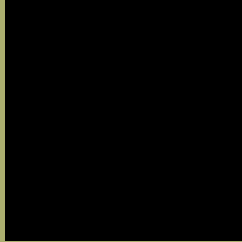
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 166.5080, -27.3654, 3.9395

Background



This preview shows how black text looks on a background with the YUV color 166.5080, -27.3654, 3.9395.



This preview shows how white text looks on a background with the YUV color 166.5080, -27.3654,

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

166.5080, -27.3654, 3.9395

Protanopia

167.5310, -28.8558, 15.3203

Deuteranopia

169.6730, -27.4468, 30.1048



Tritanopia

172.0700, 3.9095, 6.0776

Trichromacy



Original Color

166.5080, -27.3654, 3.9395

Protanomaly

167.3240, -28.2607, 11.1169

Deuteranomaly

168.3190, -27.2723, 20.7682

Tritanomaly

170.0840, -7.4364, 5.1883

Monochromacy



Original Color

166.5080, -27.3654, 3.9395

Achromatopsia

167.0000, 0.0000, 0.0000

Achromatomaly

166.7800, -9.7515, 1.0699

CSS Examples

Text

The CSS property to change the color of the text to YUV 166.5080, -27.3654, 3.9395 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, 175, 111)` looks like.

```
.text, #text, p{  
    color:rgb(171, 175, 111)  
}
```

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, 175, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 175, 111) }
```

Border

The CSS property to change the border of an element to YUV 166.5080, -27.3654, 3.9395 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, 175, 111) }
```


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

```
.border{ border-color:rgb(171, 175, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 175, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 175, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 175, 111);  
box-shadow:4px 4px 4px 4px rgb(171, 175,  
111) }
```

Background

The CSS property to change the background color of an element to YUV 166.5080, -27.3654, 3.9395 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 175, 111) }
```

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

```
.background{ background-color: rgb(171,  
175, 111) }
```

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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