

Converting Colors

YUV(167.3940, -27.8022,
4.0395)

Have a look what the booklet for
YUV(167.3940, -27.8022, 4.0395)
contains.

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Color

**YUV(167.3940, -27.8022,
4.0395)**

Conversions

Conversions Part 1

Format	Color
Hex	ACB06F
RGB	172, 176, 111
RGB Percent	67%, 69%, 44%
CMY	0.3255, 0.3098, 0.5647
CMYK	0.02, 0.00, 0.37, 0.31
HSL	64°, 29%, 56%
HSV	64°, 37%, 69%
XYZ	35.4078, 40.9690, 21.0805
YIQ	167.3940, 18.4810, -21.0630

Conversions

Conversions Part 2

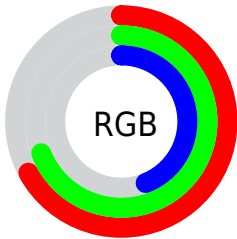
Format	Color
RYB	111, 176, 115
Decimal	11317359
CIELab	70.15, -11.59, 32.84
CIELCh	70, 34.824, 109.432
Yxy	40.9690, 0.3633, 0.4204
Android (android.graphics.Color)	4289507439 (0xFFACB06F)
YUV	167.3940, -27.8022, 4.0395
Hunter-Lab	64.0070, -13.2685, 25.2779

Details

The YUV color **167.3940, -27.8022, 4.0395** is a light color, and the websafe version is hex **999966**. A complement of this color would be **119.6060, 27.8022, -4.0395**, and the grayscale version is **168.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **222.9380, -29.5494, 4.4394**, and **115.4370, -26.3444, 3.1248** is the 20% darker color. If you saturate the color by 10%, you get **165.0430, -35.5172, 5.2243**, and if you desaturate by 10%, it is **169.7450, -20.0873, 2.8546**.

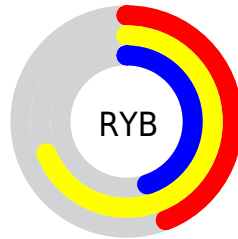
Distribution



Red (67%)

Green (69%)

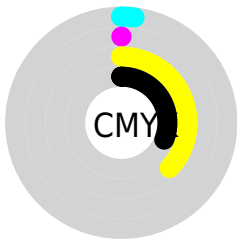
Blue (44%)



Red (44%)

Yellow (69%)

Blue (45%)

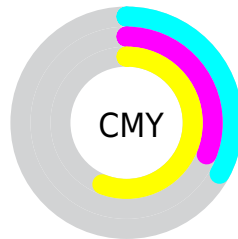


Cyan (2%)

Magenta (0%)

Yellow (37%)

Black (31%)



Cyan (33%)

Magenta (31%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 167.3940, -27.8022, 4.0395 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 167.3940, -27.8022, 4.0395 by changing the saturation by 10% instead.

■ 167.3940,
-27.8022, 4.0395

■ 167.3940,
-27.8022, 4.0395

■ 255.0000, 0.0000,
0.0000

■ 140.6220,
-26.9286, 3.8395

■ 222.9380,
-29.5494, 4.4394

■ 115.4370,
-26.3444, 3.1248

■ 247.7040,
-27.9551, 6.3986

■ 90.2520, -25.7602,
2.4100

■ 250.8960,
-15.7247, 3.5992

■ 66.0670, -25.1760,
1.6952

■ 254.2020, -3.0576,
0.6998

■ 43.9790, -21.6816,
0.8954

■ 24.7750, -12.2141,
-2.4337

■ 0.5870, -0.2894,

-0.5148

■ 0.0000, 0.0000,
0.0000

■ 167.3940,
-27.8022, 4.0395

■ 167.3940,
-27.8022, 4.0395

■ 165.0430,
-35.5172, 5.2243

■ 169.7450,
-20.0873, 2.8546

■ 162.8060,
-42.7954, 6.3091

■ 171.9820,
-12.8091, 1.7698

■ 160.4550,
-50.5103, 7.4940

■ 174.3330, -5.0942,
0.5850

■ 158.2180,
-57.7885, 8.5788

■ 176.5700, 2.1840,
-0.4999

■ 155.8670,
-65.5034, 9.7636

■ 178.9210, 9.8989,
-1.6847

■ 153.5160,
-73.2184, 10.9485

■ 181.2720, 17.6139,
-2.8695

■ 152.6470,
-75.2550, 10.8336

■ 183.8080, 24.7447,
-3.3396

■ 186.1590, 32.4596,
-4.5244

■ 186.8000, 33.6226,
-4.2096

Harmonies

Analogous

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



170.5650, -30.3515, 28.4455



167.3940, -27.8022, 4.0395



163.3780, -16.9484, -24.0105

Triad

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



167.3940, -27.8022, 4.0395



152.6970, 32.6874, -77.7873



175.4260, 4.2270, 44.3534

Complementary

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



167.3940, -27.8022, 4.0395



119.6060, 27.8022, -4.0395

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.



175.9530, 18.2642, 21.9662



167.3940, -27.8022, 4.0395



163.6390, 34.1950, -47.9184

Square

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



167.3940, -27.8022, 4.0395



151.2550, 19.5943, -78.2766



171.9040, 29.1343, -11.3168



174.1700, -10.9298, 52.4709

Rectangle

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



167.3940, -27.8022, 4.0395



159.5310, -5.6848, -43.4387



171.9040, 29.1343, -11.3168



175.9460, 8.9006, 38.6354

Sweetspot

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



167.3940, -27.8022, 4.0395



226.4380, -11.0619, 1.3699



132.1960, -10.4496, 38.4161



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.



167.3940, -27.8022, 4.0395



216.3930, -43.0847, 5.7943



157.8260, -23.0852, -15.6334



87.9740, -3.9312, 0.8998



132.8670, -65.5034, 9.7636



22.4380, -11.0619, 1.3699

Inverse Universe

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



119.6060, 27.8022, -4.0395



142.3080, 43.2322, -6.4091



129.1740, 23.0852, 15.6334



81.3250, 3.7838, -0.2850



20.1330, 65.5034, -9.7636



3.5620, 11.0619, -1.3699

Previews

White Background



This preview shows how the YUV color 167.3940, -27.8022, 4.0395 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 167.3940, -27.8022, 4.0395 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

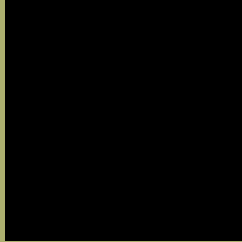
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 167.3940, -27.8022, 4.0395

Background



This preview shows how black text looks on a background with the YUV color 167.3940, -27.8022, 4.0395.



This preview shows how white text looks on a background with the YUV color 167.3940, -27.8022, 4.0395.

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

167.3940, -27.8022, 4.0395

Protanopia

168.7160, -29.4400, 16.0351

Deuteranopia

170.8580, -28.0310, 30.8195



Tritanopia

173.0700, 3.9095, 6.0776

Trichromacy



Original Color

167.3940, -27.8022, 4.0395

Protanomaly

168.5090, -28.8449, 11.8316

Deuteranomaly

169.5040, -27.8565, 21.4830

Tritanomaly

171.0840, -7.4364, 5.1883

Monochromacy



Original Color

167.3940, -27.8022, 4.0395

Achromatopsia

167.0000, 0.0000, 0.0000

Achromatomaly

167.0790, -9.8989, 1.6847

CSS Examples

Text

The CSS property to change the color of the text to YUV 167.3940, -27.8022, 4.0395 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, 176, 111)` looks like.

```
.text, #text, p{  
    color:rgb(172, 176, 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(172, 176, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 176, 111) }
```

Border

The CSS property to change the border of an element to YUV 167.3940, -27.8022, 4.0395 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, 176, 111) }
```


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

```
.border{ border-color:rgb(172, 176, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 176, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 176, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 176, 111);  
box-shadow:4px 4px 4px 4px rgb(172, 176,  
111) }
```

Background

The CSS property to change the background color of an element to YUV 167.3940, -27.8022, 4.0395 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 176, 111) }
```

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

```
.background{ background-color: rgb(172,  
176, 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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