

Converting Colors

YUV(168.7980, -27.0154,
31.7492)

Have a look what the booklet for
YUV(168.7980, -27.0154, 31.7492)
contains.

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Color

**YUV(168.7980, -27.0154,
31.7492)**

Conversions

Conversions Part 1

Format	Color
Hex	CDA172
RGB	205, 161, 114
RGB Percent	80%, 63%, 45%
CMY	0.1961, 0.3686, 0.5529
CMYK	0.00, 0.21, 0.44, 0.20
HSL	31°, 48%, 63%
HSV	31°, 44%, 80%
XYZ	40.9590, 39.6838, 21.4206
YIQ	168.7980, 41.3110, -5.2890

Conversions

Conversions Part 2

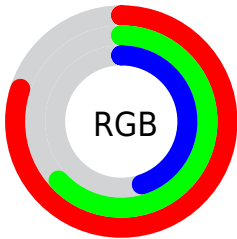
Format	Color
RYB	199, 205, 114
Decimal	13476210
CIELab	69.24, 10.24, 30.65
CIELCh	69, 32.316, 71.535
Yxy	39.6838, 0.4013, 0.3888
Android (android.graphics.Color)	4291666290 (0xFFCDA172)
YUV	168.7980, -27.0154, 31.7492
Hunter-Lab	62.9951, 5.8181, 23.9358

Details

The YUV color **168.7980, -27.0154, 31.7492** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **150.2020, 27.0154, -31.7492**, and the grayscale version is **169.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **221.9610, -27.5888, 28.9752**, and **116.5310, -25.4048, 28.4753** is the 20% darker color. If you saturate the color by 10%, you get **160.6480, -32.8575, 38.8967**, and if you desaturate by 10%, it is **176.9480, -21.1734, 24.6016**.

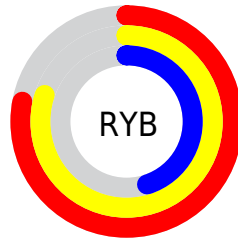
Distribution



Red (80%)

Green (63%)

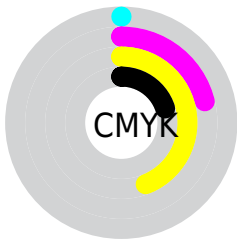
Blue (45%)



Red (78%)

Yellow (80%)

Blue (45%)

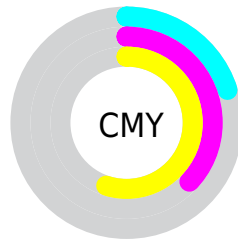


Cyan (0%)

Magenta (21%)

Yellow (44%)

Black (20%)



Cyan (20%)

Magenta (37%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YUV color 168.7980, -27.0154, 31.7492 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 168.7980, -27.0154, 31.7492 by changing the saturation by 10% instead.

■ 168.7980,
-27.0154, 31.7492

■ 168.7980,
-27.0154, 31.7492

255.0000, 0.0000,
0.0000

■ 142.3140,
-26.2838, 30.4196

■ 221.9610,
-27.5888, 28.9752

■ 116.5310,
-25.4048, 28.4753

■ 241.5890,
-23.4614, 11.7614

■ 91.1610, -24.2364,
27.0458

■ 251.2380,
-14.4143, 3.2993

■ 67.0790, -23.2099,
24.4867

■ 254.4300, -2.1840,
0.4999

■ 44.4100, -21.8941,
22.4424

■ 25.1950, -12.4211,
17.3690

■ 5.0830, -2.5059,

10.4512

■ 0.0000, 0.0000,
0.0000

■ 168.7980,
-27.0154, 31.7492

■ 168.7980,
-27.0154, 31.7492

■ 160.6480,
-32.8575, 38.8967

■ 176.9480,
-21.1734, 24.6016

■ 152.3840,
-39.1363, 46.1442

■ 185.2120,
-14.8945, 17.3541

■ 144.2340,
-44.9784, 53.2918

■ 193.4760, -8.6157,
10.1065

■ 135.9700,
-51.2572, 60.5393

■ 201.6260, -2.7736,
2.9590

■ 127.8200,
-57.0993, 67.6869

■ 209.8900, 3.5052,
-4.2885

■ 123.5170,
-60.8939, 71.4606

■ 217.4530, 9.6367,
-10.9213

■ 225.3750, 14.6051,
-17.8689

■ 231.2450, 11.7112,
-23.0169

■ 237.1150, 8.8173,
-28.1649

Harmonies

Analogous

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



170.9490, -19.2019, 45.6487



168.7980, -27.0154, 31.7492



166.2530, -27.2397, 10.3021

Triad

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



168.7980, -27.0154, 31.7492



152.7360, 13.4412, -64.6665



172.3540, 20.0385, 12.8445

Complementary

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



168.7980, -27.0154, 31.7492



150.2020, 27.0154, -31.7492

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.



168.3330, 28.4298, -18.7090



168.7980, -27.0154, 31.7492



152.2480, 26.9927, -71.2545

Square

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



168.7980, -27.0154, 31.7492



158.2970, -4.0904, -41.4795



159.9330, 31.5850, -50.8072



173.1800, 7.3063, 36.6761

Rectangle

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



168.7980, -27.0154, 31.7492



163.7070, -22.5336, -5.8820



159.9330, 31.5850, -50.8072



171.7980, 23.2706, 2.8082

Sweetspot

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



168.7980, -27.0154, 31.7492



241.8460, -9.7841, 11.5361



146.4530, 6.6787, 51.3457



119.7360, -6.2788, 7.2475



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



168.7980, -27.0154, 31.7492



201.4550, -40.1573, 46.9590



194.6260, -39.7486, 9.0980



97.9250, -2.9210, 3.5738



100.1160, -49.3572, 57.7803



23.1020, -11.3893, 13.0655

Inverse Universe

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



150.2020, 27.0154, -31.7492



173.5450, 40.1573, -46.9590



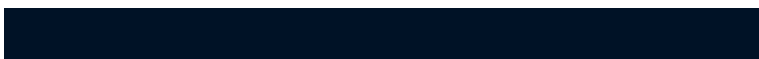
124.3740, 39.7486, -9.0980



96.0750, 2.9210, -3.5738



65.8840, 49.3572, -57.7803



14.8980, 11.3893, -13.0655

Previews

White Background



This preview shows how the YUV color 168.7980, -27.0154, 31.7492 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 168.7980, -27.0154, 31.7492 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

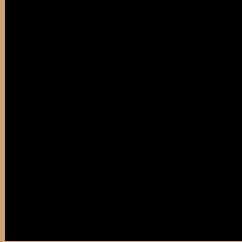
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 168.7980, -27.0154, 31.7492

Background



This preview shows how black text looks on a background with the YUV color 168.7980, -27.0154, 31.7492.



This preview shows how white text looks on a background with the YUV color 168.7980, -27.0154,

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

168.7980, -27.0154, 31.7492

Protanopia

167.2580, -24.7772, 13.8057

Deuteranopia

168.7870, -27.0100, 30.0048



Tritanopia

172.1120, -3.0132, 33.2278

Trichromacy



Original Color

168.7980, -27.0154, 31.7492

Protanomaly

167.7750, -25.5251, 20.3683

Deuteranomaly

169.0860, -27.1574, 30.6196

Tritanomaly

171.1090, -11.8857, 32.3534

Monochromacy



Original Color

168.7980, -27.0154, 31.7492

Achromatopsia

169.0000, 0.0000, 0.0000

Achromatomaly

168.8460, -9.7841, 11.5361

CSS Examples

Text

The CSS property to change the color of the text to YUV 168.7980, -27.0154, 31.7492 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(205, 161, 114)` looks like.

```
.text, #text, p{  
    color:rgb(205, 161, 114)  
}
```

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(205, 161, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 161, 114) }
```

Border

The CSS property to change the border of an element to YUV 168.7980, -27.0154, 31.7492 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(205, 161, 114) }
```


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

```
.border{ border-color:rgb(205, 161, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 161, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 161, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 161, 114);  
box-shadow:4px 4px 4px 4px rgb(205, 161,  
114) }
```

Background

The CSS property to change the background color of an element to YUV 168.7980, -27.0154, 31.7492 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 161, 114) }
```

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

```
.background{ background-color: rgb(205,  
161, 114) }
```

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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