

Converting Colors

YUV(170.6400, -27.4305,
24.8717)

Have a look what the booklet for
YUV(170.6400, -27.4305, 24.8717)
contains.

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Color

**YUV(170.6400, -27.4305,
24.8717)**

Conversions

Conversions Part 1

Format	Color
Hex	C7A773
RGB	199, 167, 115
RGB Percent	78%, 65%, 45%
CMY	0.2196, 0.3451, 0.5490
CMYK	0.00, 0.16, 0.42, 0.22
HSL	37°, 43%, 62%
HSV	37°, 42%, 78%
XYZ	40.4664, 41.0174, 22.0040
YIQ	170.6400, 35.7640, -9.3880

Conversions

Conversions Part 2

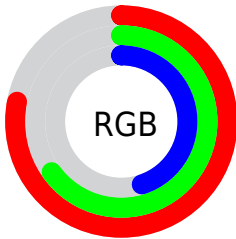
Format	Color
RYB	167, 199, 115
Decimal	13084531
CIELab	70.19, 4.64, 31.23
CIElCh	70, 31.577, 81.541
Yxy	41.0174, 0.3910, 0.3963
Android (android.graphics.Color)	4291274611 (0xFFC7A773)
YUV	170.6400, -27.4305, 24.8717
Hunter-Lab	64.0448, 0.7060, 24.4610

Details

The YUV color **170.6400, -27.4305, 24.8717** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **143.3600, 27.4305, -24.8717**, and the grayscale version is **171.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **225.7110, -28.4515, 25.6865**, and **117.7860, -25.5305, 22.1127** is the 20% darker color. If you saturate the color by 10%, you get **163.6640, -33.8514, 30.9897**, and if you desaturate by 10%, it is **177.6160, -21.0097, 18.7538**.

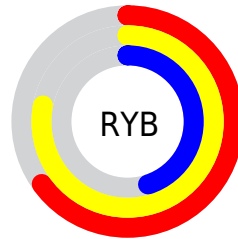
Distribution



Red (78%)

Green (65%)

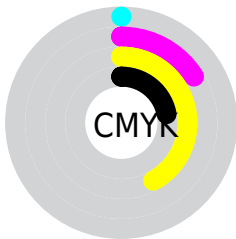
Blue (45%)



Red (65%)

Yellow (78%)

Blue (45%)

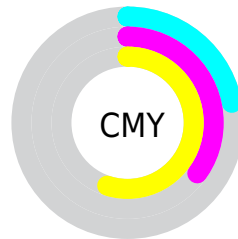


Cyan (0%)

Magenta (16%)

Yellow (42%)

Black (22%)



Cyan (22%)

Magenta (35%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YUV color 170.6400, -27.4305, 24.8717 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 170.6400, -27.4305, 24.8717 by changing the saturation by 10% instead.

■ 170.6400,
-27.4305, 24.8717

■ 170.6400,
-27.4305, 24.8717

255.0000, 0.0000,
0.0000

■ 144.1560,
-26.6989, 23.5422

■ 225.7110,
-28.4515, 25.6865

■ 117.7860,
-25.5305, 22.1127

■ 245.8120,
-25.0503, 8.0579

■ 93.3020, -24.7989,
20.7831

■ 251.3520,
-13.9775, 3.1993

■ 68.8180, -24.0673,
19.4536

254.6580, -1.3104,
0.2999

■ 46.1490, -22.7515,
17.4093

■ 26.9340, -13.2785,
12.3359

■ 3.8870, -1.9163,

7.9921

■ 0.0000, 0.0000,
0.0000

■ 170.6400,
-27.4305, 24.8717

■ 170.6400,
-27.4305, 24.8717

■ 163.6640,
-33.8514, 30.9897

■ 177.6160,
-21.0097, 18.7538

■ 157.2750,
-40.5616, 36.5928

■ 184.0050,
-14.2995, 13.1506

■ 150.2990,
-46.9824, 42.7108

■ 190.9810, -7.8786,
7.0327

■ 143.9100,
-53.6926, 48.3139

■ 197.3700, -1.1684,
1.4295

■ 137.0480,
-59.6767, 54.3319

■ 204.3460, 5.2524,
-4.6884

■ 131.7020,
-64.9291, 59.0203

■ 210.6210, 11.5258,
-10.1916

■ 217.5970, 17.9467,
-16.3096

■ 222.4070, 16.0683,
-20.5279

■ 226.5160, 14.0426,
-24.1315

Harmonies

Analogous

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



172.5310, -21.9538, 41.6303



170.6400, -27.4305, 24.8717



167.5940, -24.4498, 2.1101

Triad

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



170.6400, -27.4305, 24.8717



155.2780, 18.1039, -66.8958



175.6710, 15.9382, 21.3365

Complementary

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



170.6400, -27.4305, 24.8717



143.3600, 27.4305, -24.8717

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.



172.7150, 25.7765, -7.6431



170.6400, -27.4305, 24.8717



157.7480, 28.7182, -64.6770

Square

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



170.6400, -27.4305, 24.8717



159.3330, 1.3148, -48.5270



166.0700, 30.5315, -39.5264



175.9480, 2.4906, 41.2646

Rectangle

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



170.6400, -27.4305, 24.8717



165.3900, -18.4333, -14.3740



166.0700, 30.5315, -39.5264



175.2400, 19.6017, 12.9445

Sweetspot

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



170.6400, -27.4305, 24.8717



243.6070, -10.6523, 9.9917



143.7640, 1.5953, 48.4420



120.9100, -6.8576, 6.2179



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.



170.6400, -27.4305, 24.8717



210.8300, -42.3142, 38.7371



186.4340, -35.2170, 2.2504



96.2130, -3.0630, 2.4442



108.0240, -53.2558, 48.2140



23.6780, -11.6733, 10.8064

Inverse Universe

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



143.3600, 27.4305, -24.8717



168.5830, 42.6036, -38.2223



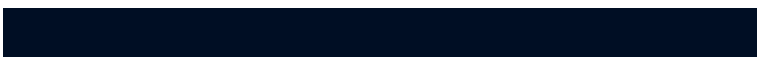
127.5660, 35.2170, -2.2504



92.7870, 3.0630, -2.4442



54.9760, 53.2558, -48.2140



12.3220, 11.6733, -10.8064

Previews

White Background



This preview shows how the YUV color 170.6400, -27.4305, 24.8717 looks on a white background.

Color Contrast Check

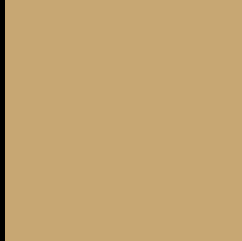
Large Text (above 18pt) WCAG AA × Fail

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 170.6400, -27.4305, 24.8717 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

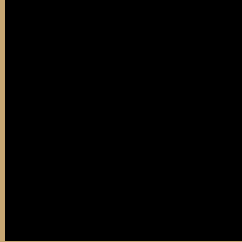
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 170.6400, -27.4305, 24.8717

Background



This preview shows how black text looks on a background with the YUV color 170.6400, -27.4305, 24.8717.



This preview shows how white text looks on a background with the YUV color 170.6400, -27.4305,

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

170.6400, -27.4305, 24.8717

Protanopia

169.9160, -26.0876, 14.1057

Deuteranopia

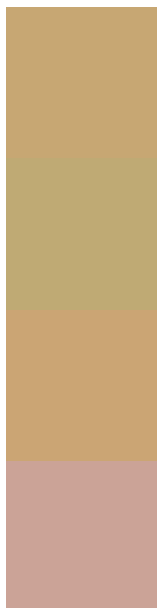
171.0860, -27.1574, 30.6196



Tritanopia

174.8230, -1.3917, 26.4652

Trichromacy



Original Color

170.6400, -27.4305, 24.8717

Protanomaly

170.1230, -26.6826, 18.3091

Deuteranomaly

170.7760, -27.0046, 28.2604

Tritanomaly

173.5920, -11.1379, 25.7908

Monochromacy



Original Color

170.6400, -27.4305, 24.8717

Achromatopsia

171.0000, 0.0000, 0.0000

Achromatomaly

171.1230, -9.9206, 8.6621

CSS Examples

Text

The CSS property to change the color of the text to YUV 170.6400, -27.4305, 24.8717 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(199, 167, 115)` looks like.

```
.text, #text, p{  
    color:rgb(199, 167, 115)  
}
```

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(199, 167, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 167, 115) }
```

Border

The CSS property to change the border of an element to YUV 170.6400, -27.4305, 24.8717 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(199, 167, 115) }
```


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

```
.border{ border-color:rgb(199, 167, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 167, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 167, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 167, 115);  
box-shadow:4px 4px 4px 4px rgb(199, 167,  
115) }
```

Background

The CSS property to change the background color of an element to YUV 170.6400, -27.4305, 24.8717 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 167, 115) }
```

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

```
.background{ background-color: rgb(199,  
167, 115) }
```

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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